IAP6 Rec'd PCI/PTO 190CT 2007

18:15	E AD
OCT 1	y 2007 (5)
1 PER STATE OF THE PER	OF.

TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application No. Filing Date First Named Inventor Art Unit Examiner Name	June 22, 2005 Gianni Mochi Unassigned Unassigned
Total Number of Pages in This Submission 78	Attorney Docket Number	

ENCLOSURES (check all that apply)				
Fee Transmittal F	orm	Drawing(s)	Af to	ter Allowance Communication TC
Fee Attach	ed	Licensing-related Papers	☐ A	ppeal Communication to Board Appeals and Interferences
Amendment / Rep	ply	Petition		opeal Communication to TC ppeal Notice, Brief, Reply Brief)
After Final Affidavits/d	leclaration(s)	Petition to Convert a Provisional Application	PI	roprietary Information
Extension of Time	e Request	Power of Attorney, Revocation Change of Correspondence Address	SI	tatus Letter
Express Abandon	nment Request	Terminal Disclaimer	1 1/1	ther Enclosure(s) lease identify below):
Information Disclo	osure Statement	Request for Refund	Petiti under	on to revive (2); Petition fee (2); ion under 37CFR 1.137(b) (1); Petition r 37CFR 1.47(a) (2); Declaration/POA
PTO/SB/08 Certified Copy of Document(s)		CD, Number of CD(s) Landscape Table on CD	(2); [email	Copy of notice of missing requirements Declaration of Michael Mallie (4); Copies of Is (14); copy of letter to Luciano (30); net search (6)
Response to Miss		Remarks		
	Filing Fee ation/POA			
Response Parts unde 1.52 or 1.5	to Missing er 37 CFR 3			
	SIGNATURE	OF APPLICANT, ATTORNEY, OR AC	SENT	
Firm or	Michael J. Mall	ie, Reg. No. 36,591	•	
Individual name				LP
Signature	2			
Date October 17, 2007				
CERTIFICATE OF MAILING/TRANSMISSION				
I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.				
Typed or printed nan	ne Joyce Klein			
Signature		Sur-	ate	October 17, 2007



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450

Alexandria, Virginia 22313-1450 www.uspto.gov

U.S. APPLICATION NUMBER NO 10/540,374

FIRST NAMED APPLICANT

Gianni Mochi

ATTY. DOCKET NO.

6097P066

12/18/2003

INTERNATIONAL APPLICATION NO.

PCT/EP03/14559

26529

BLAKELY SOKOLOFF TAYLOR & ZAFMAN/PDC 12400 WILSHIRE BOULEVARD SEVENTH FLOOR LOS ANGELES, CA 90025

I.A. FILING DATE

12/23/2002

PRIORITY DATE

DEC 2 9 2005

CONFIRMATION NO. 2576 371 FORMALITIES LETTER

OC000000017712255

Date Mailed: 12/27/2005

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP LOS ANGELES

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 06/22/2005
- Copy of the International Search Report filed on 06/22/2005
- Preliminary Amendments filed on 06/22/2005
- U.S. Basic National Fees filed on 06/22/2005
- Priority Documents filed on 06/22/2005

10/22/2007 MKAYPAGH 00000144 10540374

01 FC:1617

130.00 OP

The applicant needs to satisfy supplemental fees problems indicated below.

The following items MUST be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fees required for this application is \$130 for a Large Entity:

DEC 2 9 2005

• \$130 Surcharge.

STATUS DB-LA

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION,

WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

A copy of this notice MUST be returned with the response.

ANITA D JOHNSON

Telephone: (703) 308-9140 EXT 226

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/540,374	PCT/EP03/14559	6097P066

FORM PCT/DO/EO/905 (371 Formalities Notice)

Atty Docket No.: 6097P066

ريز 2007 الم

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Gianni Mochi et al

Serial No.: 10/540,374

Filed: 06/22/2005

Art Unit: Unassigned

Art Unit: Unassigned

For: SYSTEM FOR ESTIMATION AND CONTROL OF THE CONCENTRATIONS OF POLLUTANT GASES AT THE DISCHARGE OF A GAS TURBINE

Confirmation No.: 2576

Mail Stop Petition Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

DECLARATION

Dear Sir:

I, Michael J. Mallie, having personal knowledge of the facts set forth herein, hereby declare and say as follows:

- 1. On April 5, 2006, GE counsel sent an email to the inventors, copying me on the email, indicating that on January 19, 2006 and March 7, 2006, emails were sent to all the inventors, attaching the declaration. The email sent on April 5, 2006 sent to all the inventors also attached the declaration. Documentation of this email is attached.
- 2. On April 6, 2006, Gianni Mochi sent an email to me, indicating that his signed documents were sent through mail some days ago. Documentation of this email is attached.
- 3. On April 14, 2006, I sent an email to inventors and GE to obtain the address for Laura Cassi because the address I had for her was invalid. In response to the emails sent on April 5, 2006 and April 14, 2006, I received a signed fax for the assignment on May 1, 2006. An email was sent to GE indicating the receipt of the fax including the assignment, and that she did not send a signed declaration.

 Documentation of this email is attached.

Atty Docket No.: 6097P066

4. On May 3, 2006, I received a signed fax for the declaration from Laura Cassi. An email was sent to GE indicating the receipt of the signed declaration. The email indicated that I was still waiting for the following:

Declaration – need Gianni Mochi, Luciano Bonciani, Gianni Ceccherini and Leonardi Rosi

Assignment – need Luciano Bonciani, Gianni Ceccherini and Leonardo Rosi

Documentation of this email is attached.

- 5. On May 04, 2006, Patricia Yepez-Rutheny of GE sent an email to Ernest Cusick to ask for help in obtaining inventor's signatures of the declaration.
- 6. On May 04, 2006, Ernest Cusick of GE sent an email to the inventors, requesting that the inventors sign the documents. Documentation of this email is attached.
- 7. On May 05, 2006, Gianni Ceccherini sent me an email, confirming that he sent by mail and attached to this email the signed copy of the Assignment and declaration today. Documentation of this email is attached.
- 8. On February 2, 2007, in response to learning that Patricia Yepez-Rutheny had been out on maternity leave and unable to help in obtaining the signed documents, I sent an email to Jim McGinness at GE, to obtain the status of the signed declaration from Luciano Bonciani and to verify his address. Documentation of this email is attached.
- 9. On February 5, 2007, in response to the email sent on February 2, 2007, GE sent an email to Luciano Bonciani, requesting the inventor to execute the declaration. No response to this email has been received from Luciano Bonciani.

 Documentation of this email is attached.
- 10. On October 5, 2007, I sent a letter to Luciano Bonciani to the address below, requesting the inventor to execute the declaration for the enclosed patent application. The letter requested that he return the signed documents by October 12, 2007. The letter and enclosed documents were delivered on October 8, 2007, and were signed by M. Giorgi. No response to this letter has been received from Luciano Bonciani. Documentation of the letter and enclosed documents, and the FedEx tracking are attached.

Luciano Donciani

Via Pratese

85/4, I-50145, Firenze, Italy

- 11. On October 15, 2007, I conducted an internet search for "Luciano Bonciani" on http://www.google.com, resulting in 5 hits. None of the hits included any updated contact information for Luciano Bonciani. The search can be repeated using the following hyperlink address:

 http://www.google.com/search?num=100&hl=en&q=%22Luciano+Bonciani%22+OR+%22Bonciani+Luciano%22+AND+Italy&btnG=Search. Documentation of this internet search is attached.
- 12. On October 15, 2007, I conducted an internet search for "Luciano Bonciani" on http://www.numberway.com, which includes links to international phone directories. Documentation of this site is attached.
- 13. On October 15, 2007, I conducted an internet search for "Luciano Bonciani" on Italy Phone Book link, entitled "Pagine Bianche" at http://www.paginebianche.it/index.html, resulting in no entries found for Luciano Bonciani. Documentation of this internet search is attached.
- 14. On October 15, 2007, I conducted an internet search for "Luciano Bonciani" on Italy Phone Book link, entitled "Pagine Bianche" at http://www.pronto.it/elenco/query.php, resulting in no entries found for Luciano Bonciani. I conducted a search for "Luciano Bonciani" in the "Cognome o Azienda" field, a search for "Luciano Bonciani" in the "Nome" field, and a search for "Bociani" in the "Nome" field and Firenze in the "Localita" field.

 Documentation of this internet searches are attached.

Atty Docket No.: 6097P066

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on the information and belief are believed to be true; and further that all these statements were made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN, LLP

Dated: by963

Michael J. Mallie Reg. No. 36,591

1279 Oakmead Parkway Sunnyvale, CA 94085-4040 (408) 720-8300

the application or any patent issuing thereon.

To: Yepez-Rutheny, Patricia (Corporate, consultant)

Subject: GE 6097.P066 (134645)

Hi Patricia,

Attached please find the corrected assignment reflecting the change to Nuovo Pignone. The Missing Parts of the application are due on February 27, 2006.

Thank you,

Joyce Klein Assistant to Michael Mallie

From: Joyce Klein

Sent: Monday, February 05, 2007 8:39 AM

To: 'luciano.bonciani@ge.com'

Cc: Michael Mallie; 'jim.mcginness@ps.ge.com'

Subject: FW: GE Missing Parts

134645 - Sistema per la stima e la gestione delle concentrazioni di gas inquinanti allo scarico di una turbina a gas" (English Title: System For Estimation And Control Of The Çoncentrations Of Pollutant Gases At The Discharge Of A Gas Turbine)

Dear Luciano Bonciani,

Please sign the attached documents and fax or email them back to me as soon as possible.

Fax: 408-720-8383

Email: joyce_klein@bstz.com

Thank you,

Joyce Klein Assistant to Michael Mallie Blakely Sokoloff Taylor & Zafman 1279 Oakmead Parkway Sunnyvale, CA 94085-4040

From: McGinness, Jim E (GE Infra, Energy) [jim.mcginness@ge.com]

Sent: Monday, February 05, 2007 7:19 AM

To: Joyce Klein; McIlwrath, Michael (GE Infra, Oil & Gas); Bonciani, Luciano (GE Infra, Oil & Gas, Non-

GE)

Cc: Michael Mallie

Subject: RE: GE Missing Parts

134645 - Sistema per la stima e la gestione delle concentrazioni di gas inquinanti allo scarico di una turbina a gas" (English Title: System For Estimation And Control Of The Concentrations Of Pollutant Gases At The Discharge Of A Gas Turbine)

Joyce,

Email the documents to Luciano Bonciani, cc'd on this message for execution and return to you.

Luciano Bonciani,

Please exececute the document that Joyce Klein will send form Blakely, Sokoloff, Taylor & Zaffman firm. It is necessary to continue prosecuting your patent application above in the US.

Mike McIlwrath,

does O&G have a patent counsel for this firm to work with on O&G patent prosecution?

Jim McGinness

----Original Message----

From: Joyce Klein [mailto:Joyce_Klein@bstz.com]

Sent: Friday, February 02, 2007 6:06 PM **To:** McGinness, Jim E (GE Infra, Energy)

Cc: Michael Mallie

Subject: GE Missing Parts

Jim,

In the past, Patricia Yepez-Rutheny had been our contact in getting the documents out to the inventors for signature. Below are outstanding missing parts that we have not been able to complete and file to the Patent Office. We were just informed that Patricia has been out on maternity leave and unable to help us in achieving the signed documents. I have attached the documents for each of these cases for execution. Please let us know how you wish us to proceed.

134645 (6097.P066) missing parts due **2/27/2006** (missing signature from Luciano Bonciani) Corrected docs emailed 1/17/06

Thank you,

Joyce Klein Assistant to Michael Mallie

From: McGinness, Jim E (GE Infra, Energy) [jim.mcginness@ge.com]

Sent: Monday, February 05, 2007 7:25 AM

Joyce Klein; Altenschulte, Markus (GE Infra, Energy); Gross-Thedieck, Sandra (GE Infra, Energy,

Non-GE); Rieken, Stefan (GE Infra, Energy); Hoffmann, Philip J (GE, Corporate)

Cc: Michael Mallie

Subject: 133330 Switching off wind turbine during helicopter approach

Philip,

To:

Is someone filling the role for Patricia Yepez-Rutheny, to support obtaining signatures on missing parts?

Joyce,

Markus Altenschulte is copied on this email, please send the documents directly to Markus for execution and return to you. Sandra should provide addresses for Andre Riesberg and Nicolas Delucis. Similarly, send docs to their provided addresses with instructions to sign and return to you.

Markus,

please execute the document Joyce will send, it is necessary to continue prosecuting of your subject patent application in the US.

Sandra,

Andre Riesberg and Nicolas Delucis apparently no longer with GE, please provide their addresses for Joyce Klein to mail them documents necessary for execution to maintain to prosecution of US patent applications.

Jim McGinness

----Original Message----

From: Joyce Klein [mailto:Joyce_Klein@bstz.com]

Sent: Friday, February 02, 2007 6:06 PM **To:** McGinness, Jim E (GE Infra, Energy)

Cc: Michael Mallie

Subject: GE Missing Parts

Reference:

133330 (6097.P074) 140864 (6097.P063) 134645 (6097.P066)

Jim,

In the past, Patricia Yepez-Rutheny had been our contact in getting the documents out to the inventors for signature. Below are outstanding missing parts that we have not been able to complete and file to the Patent Office. We were just informed that Patricia has been out on maternity leave and unable to help us in achieving the signed documents. I have attached the documents for each of these cases for execution. Please let us know how you wish us to proceed.

133330 (6097.P074) missing parts due **2/6/2007**

Documents need to be sent out to inventors Andre Riesberg and Markus Altenschulte, both in Germany

140864 (6097.P063) missing parts due **8/1/2006** (missing signature from Nicolas Delucis) Several attempts have been made in locating Nicolas.

Original docs emailed 6/9/06

134645 (6097.P066) missing parts due **2/27/2006** (missing signature from Luciano Bonciani) Corrected docs emailed 1/17/06

Thank you,

Joyce Klein Assistant to Michael Mallie

Thank you,

Joyce Klein Assistant to Michael Mallie

From: Michael Mallie

Sent: Tuesday, February 06, 2007 2:33 PM

To: 'Manetta, Stephen J. (GE Infra, Oil & Gas)'; McGinness, Jim E (GE Infra, Energy)

Cc: McIlwrath, Michael (GE Infra, Oil & Gas); Joyce Klein; Bonciani, Luciano (GE Infra, Oil & Gas, Non-

GE)

Subject: RE: GE Missing Parts

Steve,

The application is currently abandoned because the inventor's refused to sign the forms. Once we get the signed forms, we will seek to revive the case.

Mike

From: Manetta, Stephen J. (GE Infra, Oil & Gas) [mailto:stefano.manetta@ge.com]

Sent: Tuesday, February 06, 2007 12:36 AM **To:** McGinness, Jim E (GE Infra, Energy)

Cc: Michael Mallie; McIlwrath, Michael (GE Infra, Oil & Gas); Joyce Klein; Bonciani, Luciano (GE Infra, Oil & Gas,

Non-GE)

Subject: RE: GE Missing Parts

Jim,

I am the Patent Counsel for O&G so I can work with Blakeley on prosecution. I had received an email about this back in September and thought it had been resolved. I will follow up with the inventor on it. What date is 2/27? I thought the term to respond to the Missing Parts expired in 06. Did we file a petition (1.47)?

Thanks, Steve

Stephen Manetta

Senior Counsel- Intellectual Property

GE Oil & Gas

+39 055 423 3753 (Office) +39 347 2112662 (Cell) +39 055 423 2960 (Fax)

Via Felice Matiencel, 2 Legal Department 50127, Florence Italy

Nuovo Pignone, S.p.A.

THIS E-MAIL MESSAGE MAY CONTAIN LEGALLY PRIVILEGED AND/OR CONFIDENTIAL INFORMATION. IF YOU ARE NOT THE INTENDED RECIPIENT(S), OR THE EMPLOYER OR AGENT RESPONSIBLE FOR DELIVERY OF THIS MESSAGE TO THE INTENDED RECIPIENT(S), YOU ARE HEREBY NOTIFIED THAT ANY DISSUMINATION. DISTRIBUTION, OR COPYING OF THIS E-MAIL MESSAGE IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS MESSAGE IN ERROR, PLEASE IMMEDIATELY NOTIFY THE SENDER AND DELETE THIS E-MAIL MESSAGE FROM YOUR COMPUTER AND DESTROY ANY AND ALL HARD COPIES OF THIS MESSAGE.

----Original Message----

From: McIlwrath, Michael (GE Infra, Oil & Gas) Sent: Tuesday, February 06, 2007 8:22 AM

To: McGinness, Jim E (GE Infra, Energy); 'Joyce_Klein@bstz.com'; Bonciani, Luciano (GE Infra, Oil & Gas, Non-GE);

Manetta, Stephen J. (GE Infra, Oil & Gas)

Cc: 'michael_mallie@bstz.com'

Subject: Re: GE Missing Parts

Jim,

42

Steve is our IP counsel, and can advise on whether we have retained someone already or need to.

Mike

Michael McIlwrath Senior Counsel - Litigation GE Infrastructure - Oil & Gas Tel: +39 055 423 8445

Mob: +39 348 287 3019

Sent from my BlackBerry Wireless Device

----Original Message----

From: McGinness, Jim E (GE Infra, Energy)

To: 'Joyce Klein'; McIlwrath, Michael (GE Infra, Oil & Gas); Bonciani, Luciano (GE Infra, Oil & Gas, Non-GE)

CC: Michael Mallie

Sent: Mon Feb 05 16:18:33 2007 Subject: RE: GE Missing Parts

134645 - Sistema per la stima e la gestione delle concentrazioni di gas inquinanti allo scarico di una turbina a gas" (English Title: System For Estimation And Control Of The Concentrations Of Pollutant Gases At The Discharge Of A Gas Turbine) Joyce, Email the documents to Luciano Bonciani, cc'd on this message for execution and return to you.

Luciano Bonciani,

Please exececute the document that Joyce Klein will send form Blakely, Sokoloff, Taylor & Zaffman firm. It is necessary to continue prosecuting your patent application above in the US.

Mike McIlwrath,

does O&G have a patent counsel for this firm to work with on O&G patent prosecution?

Jim McGinness

----Original Message----

From: Joyce Klein [mailto:Joyce_Klein@bstz.com]

Sent: Friday, February 02, 2007 6:06 PM To: McGinness, Jim E (GE Infra, Energy)

Cc: Michael Mallie

Subject: GE Missing Parts

Jim,

In the past, Patricia Yepez-Rutheny had been our contact in getting the documents out to the inventors for signature. Below are outstanding missing parts that we have not been able to complete and file to the Patent Office. We were just informed that Patricia has been out on maternity leave and unable to help us in achieving the signed documents. I have attached the documents for each of these cases for execution. Please let us know how you wish us to proceed.

From: Joyce Klein

Sent: Friday, April 14, 2006 1:31 PM

To: 'Yepez-Rutheny, Patricia (GE, Corporate)'; Mochi, Gianni (GE Infra, Oil & Gas); Bonciani, Luciano

(GE Infra, Oil & Gas, Non-GE); Ceccherini, Gianni (GE Infra, Oil & Gas); Rosi, Leonardo (GE Infra,

Oil & Gas)

Cc: Meyer, Dietmar (GE Infra, Energy); Conklin, Mark A (GE, Corporate)

Subject: RE: Outstanding documents Docket 134645/P066 (REMINDER)

Good Afternoon,

The address I have for Laura Cassi is not valid. I need her signature on the declaration and assignment. Does anyone have contact with Laura, such as her email address?

Thank you,

Joyce Klein Assistant to Michael Mallie Blakely Sokoloff Taylor & Zafman

From: Yepez-Rutheny, Patricia (GE, Corporate) [mailto:Patricia.Yepez-Rutheny@corporate.ge.com]

Sent: Wednesday, April 05, 2006 12:35 PM

To: Mochi, Gianni (GE Infra, Oil & Gas); Bonciani, Luciano (GE Infra, Oil & Gas, Non-GE); Ceccherini, Gianni (GE

Infra, Oil & Gas); Rosi, Leonardo (GE Infra, Oil & Gas)

Cc: Meyer, Dietmar (GE Infra, Energy); Joyce Klein; Conklin, Mark A (GE, Corporate)

Subject: FW: Outstanding documents Docket 134645/P066 (REMINDER)

Importance: High

We refer to our e-mails sent on January 19, 2006 and March 7, 2006 attaching the declaration and Assignment. Please sign these documents as soon as possible and return them to Ms. Joyce Klein. We are attaching again the new Assignment and declaration. If any corrections need to be made please contact Ms. Klein.

Regards,

Patricia Yepez-Rutheny
Paralegal
General Electric Company
Global Patent Operation
187 Danbury Road, Suite 204
Wilton, CT 06897

-----Original Message-----

From: Joyce Klein [mailto:Joyce_Klein@bstz.com]

Sent: Wednesday, April 05, 2006 1:03 PM **To:** Yepez-Rutheny, Patricia (GE, Corporate)

Cc: Michael Mallie

Subject: Outstanding documents

Patty,

Here is a list of documents that I am still waiting for and their respective due dates:

From: Joyce Klein

Sent: Monday, May 01, 2006 1:27 PM

To: 'Yepez-Rutheny, Patricia (GE, Corporate)'

Subject: GE P066 (134645)

Hi Patty,

Just letting you know that I received a signed assignment from Laura Cassi. She did not send me the declaration, though.

Thank you,

Joyce Klein Assistant to Michael Mallie **From:** Yepez-Rutheny, Patricia (GE, Corporate) [mailto:Patricia.Yepez-Rutheny@corporate.ge.com]

Sent: Wednesday, April 05, 2006 12:35 PM

To: Mochi, Gianni (GE Infra, Oil & Gas); Bonciani, Luciano (GE Infra, Oil & Gas, Non-GE); Ceccherini, Gianni (GE

Infra, Oil & Gas); Rosi, Leonardo (GE Infra, Oil & Gas)

Cc: Meyer, Dietmar (GE Infra, Energy); Joyce Klein; Conklin, Mark A (GE, Corporate)

Subject: FW: Outstanding documents Docket 134645/P066 (REMINDER)

Importance: High

We refer to our e-mails sent on January 19, 2006 and March 7, 2006 attaching the declaration and Assignment. Please sign these documents as soon as possible and return them to Ms. Joyce Klein. We are attaching again the new Assignment and declaration. If any corrections need to be made please contact Ms. Klein.

Regards,

Patricia Yepez-Rutheny
Paralegal
General Electric Company
Global Patent Operation
187 Danbury Road, Suite 204
Wilton, CT 06897

----Original Message----

From: Joyce Klein [mailto:Joyce_Klein@bstz.com]

Sent: Wednesday, April 05, 2006 1:03 PM **To:** Yepez-Rutheny, Patricia (GE, Corporate)

Cc: Michael Mallie

Subject: Outstanding documents

Patty,

Here is a list of documents that I am still waiting for and their respective due dates:

P066 (GE #134645)

Assignment (new) signed by Gianni Mochi, need Laura Cassi, Luciano Bonciani, Gianni Ceccherini and Leonardi Rosi

Declaration signed by no one, need all signatures

Due Date: 4/27 with a 2-month extension

From: Joyce Klein

Sent: Wednesday, May 03, 2006 8:13 AM

To: 'Cassì Laura (GEM - AdB Power)'

Subject: RE: Outstanding documents Docket 134645/P066 (REMINDER)

Dear Laura,

I received the signed Assignment, but I did not receive the Declaration/Power of Attorney. The fax number that you may send your documents to is: 408-720-8383.

Thank you,

Ms. Joyce Klein

From: Cassì Laura (GEM - AdB Power) [mailto:laura.cassi@enel.it]

Sent: Wednesday, May 03, 2006 6:39 AM

To: Joyce Klein

Subject: I: Outstanding documents Docket 134645/P066 (REMINDER)

Dear Mr Klein,

I send you the documents you need twice, by traditinal mail. COuld you please let me know if everything is ok or not?

I also tried to send a fax. COuld you confirm the fax number I have to use?

Thanks in advance, and regards

Laura Cassi

-----Original Message-----

From: Joyce Klein [mailto:Joyce_Klein@bstz.com]

Sent: venerdì 14 aprile 2006 22.31

To: Yepez-Rutheny, Patricia (GE, Corporate); Mochi, Gianni (GE Infra, Oil & Gas); Bonciani, Luciano (GE Infra, Oil

& Gas, Non-GE); Ceccherini, Gianni (GE Infra, Oil & Gas); Rosi, Leonardo (GE Infra, Oil & Gas)

Cc: Meyer, Dietmar (GE Infra, Energy); Conklin, Mark A (GE, Corporate)
Subject: RE: Outstanding documents Docket 134645/P066 (REMINDER)

Good Afternoon,

The address I have for Laura Cassi is not valid. I need her signature on the declaration and assignment. Does anyone have contact with Laura, such as her email address?

Thank you,

Joyce Klein Assistant to Michael Mallie Blakely Sokoloff Taylor & Zafman

From:

Joyce Klein

Sent:

Wednesday, May 03, 2006 10:26 AM

To:

'Yepez-Rutheny, Patricia (GE, Corporate)'

Subject: GE 6097.P066 (134645)

Hi Patty,

FYI – I just received a signed fax for the declaration from Laura Cassi (yeah!). I am still waiting for the following:

Declaration – need Gianni Mochi, Luciano Bonciani, Gianni Ceccherini and Leonardi Rosi Assignment – need Luciano Bonciani, Gianni Ceccherini and Leonardi Rosi

Thank you,

Joyce Klein Assistant to Michael Mallie

Have! Modhi Cecchermi Posi

Cassi

Needi

Luciano Bonciani

8/16/2006

FIRST Sent 5/3/2006

From:

Joyce Klein

Sent:

Wednesday, August 16, 2006 3:06 PM

To:

'Yepez-Rutheny, Patricia (GE, Corporate)'

Subject: GE 6097.P066 (134645)

Hi Patty,

I am still waiting for signatures from Lucian Bonciani. All the other signatures are in. The missing parts were due 2/27/06. We are up against a 6 month extension on 8/27/06. Do you have any news for this one?

Thank you,

Joyce Klein Assistant to Michael Mallie

BLAKELY SOKOLOFF TAYLOR & ZAFMAN

A LIMITED LIABILITY PARTNERSHIP INCLUDING LAW CORPORATIONS

TELEPHONE (408) 720-8300

FACSIMILE (408) 720-8383

BSTZ_MAIL@BSTZ.COM

WWW.BSTZ.COM

INTELLECTUAL PROPERTY LAW

SILICON VALLEY

1279 OAKMEAD PARKWAY SUNNYVALE, CALIFORNIA 94085-4040 OTHER OFFICES

Los Angeles, CA
ORANGE COUNTY/COSTA MESA, CA
DENVER, CO
PORTLAND/BEAVERTON, OR
SEATTLE, WA

October 5, 2007

Luciano Bonciani Via Pratese 85/4, I-50145, Firenze, Italy

Re:

General Electric Power Systems

U.S. Patent Application No. 10/540,374

Title: System for Estimation and Control of the Concentrations of

Pollutant Gases at the Discharge of a Gas Turbine

Filed: June 22, 2005

Our Reference Number: 6097.P066 GE Reference Number: 134645

Dear Mr. Bonciani:

Enclosed for your review is a copy of the above referenced patent application as filed with the Patent and Trademark Office of the United States of America. Please sign and date both the Declaration/Power of Attorney form and the Assignment form where indicated. Notarization of the Assignment is **not** required.

Please return the signed document directly to me via mail by <u>October 12, 2007</u>. We have enclosed a return envelope for your convenience.

Please keep in mind that, until the patent issues, you have a continuing duty to disclose to the Patent and Trademark Office any information that you are aware of that is material to the patentability of the patent application. Such information is material when there is a substantial likelihood that a reasonable patent examiner would consider it important in deciding to allow the application to issue as a patent. For example, if you are aware of any commercial products, patents, articles, datasheets, or other types of publications bearing on your invention, please bring them to our attention.

Also, please keep in mind that the patent application is confidential.

If you have any questions, please do not hesitate to contact me via email at michael mallie@bstz.com.

Respectfully,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Joyce Klein for Michael J. Mallie

COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if several names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

SYSTEM FOR ESTIMATION AND CONTROL OF THE CONCENTRATIONS OF POLLUTANT GASES AT THE DISCHARGE OF A GAS TURBINE

the specification of which was filed on June 22, 2005 as Application Serial No. 10/540,374

I hereby state that I have reviewed and understand the contents of the aboveidentified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with 37 CFR §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. §119 (a)-(d) or (f) or 365(b) of any foreign application(s) for patent or inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below, and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed:

COUNTR Y	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED?	CERTIFIED COPY ATTACHED
Italy	MI2002A002752	23 December 2002	Yes	☐ Yes × No
				☐ Yes ☐ No
				☐ Yes ☐ No

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s), or 365(c) of any PCT International application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose material information as defined in 37 CFR §1.56

which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

U.S. PARENT APPLICATION OR PCT PARENT NUMBER	PARENT FILING DATE (day, month, year)	STATUS (patent and number, pending, abandoned)

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

APPLICATION NUMBER(S)	FILING DATE (day, month, year)

As a named inventor, I hereby appoint the patent practitioners associated with the Customer Number <u>08791</u> as my respective patent attorneys and patent agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the U.S. Patent and Trademark office connected herewith.

If this patent application is assigned, then the undersigned hereby authorized the patent attorneys and patent agents named herein to accept and follow instructions from the assignee(s) as to any action to be taken in the United States Patent and Trademark Office regarding this application without direct communication between the patent attorneys and patent agents and the undersigned. In the event of a change in the persons from whom instructions may be taken, at least one patent attorney or patent agent named herein will be so notified by the undersigned.

I hereby direct that all correspondence and telephone calls in connection with this application be addressed to

Customer Number <u>08791</u> (Blakely, Sokoloff, Taylor & Zafman LLP).

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, statements were made with the knowledge that willfully false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. §1001 and that all such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first inventor: Gianni M	IOCHI
Inventor's signature:	Date:
Residence: Italy	•
Citizenship: Italy	
Post Office Address: Via Antonio Ca	anova 77, I-50142, Firenze, Italy
Full name of second inventor: Laura	a CASSI
Inventor's signature:	Date:
Residence: Italy	
Citizenship: Italy	
Post Office Address: Via Vejentana	37, 00189, Roma, Italy
Full name of third inventor: Luciano	BONCIANI
Inventor's signature:	Date:
Residence: Italy	
Citizenship: Italy	
Post Office Address: Via Pratese 8	5/4, I50145, Firenze, Italy
Full name of fourth inventor: Gianni	CECCHERINI
Inventor's signature:	Date:
Residence: Italy	
Citizenship: Italy	
Post Office Address: Via 2 Giugno	32, I50019, Sesto Fiorentino, Italy
Full name of fifth inventor: Leonard	o ROSI
Inventor's signature:	Date:
Residence: Italy	
Citizenship: Italy	
Post Office Address: Via Assisi 23,	I-06080 S. Egidio, Italy

ASSIGNMENT

In accordance with obligations entered into pursuant to an Employee Innovation and Proprietary Information Agreement or other agreement and/or for other good and valuable consideration of which I/we acknowledge receipt, I/we,

Gianni MOCHI of Via Antonio Canova 77, I-50142, Firenze, Italy Laura CASSI of Via Niccolo da Tolentino 42, I-50141, Firenze, Italy Luciano BONCIANI of Via Pratese 85/4, I50145, Firenze, Italy Gianni CECCHERINI of Via 2 Giugno 82, I50019, Sesto Fiorentino, Italy Leonardo ROSI of Via Assisi 23, I-06080 S. Egidio, Italy

hereby sell and assign to NUOVO PIGNONE HOLDING S.P.A, an Italian Corporation, having an address at Via F. Matteucci, 2, I-50127 Firenze, Italy, (hereinafter referred to as "Company"), its successors and assigns my (our) entire respective right(s), title(s) and interest(s) in and to the invention and improvements invented and originated by me/us and described in the application for United States Patent currently entitled

SYSTEM FOR ESTIMATION AND CONTROL OF THE CONCENTRATIONS OF POLLUTANT GASES AT THE DISCHARGE OF A GAS TURBINE filed on June 22, 2005 having Serial No. 10/540,374

and any and all applications for patent and patents therefrom in any and all countries, including all divisions, continuations, reexaminations and reissues thereof, and all rights of priority resulting from the filing of said United States application, and authorize and request any official whose duty it is to issue patents, to issue any patent on said inventions and improvements resulting therefrom to said Company, or its successors or assigns and agree that on request and without further consideration, but at the expense of said Company, I/we will communicate to said Company or its representatives or nominees any facts known to me/us respecting said inventions and improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, reexamination and reissue applications, make all rightful oaths and generally do everything possible to aid said Company, its successors, assigns, and nominees

to obtain and enforce proper patent protection for said invention and its improvements in all countries.

Remuneration claims of the inventor(s)/assignor(s) potentially arising from the German Law on Employee Inventions (LEI) remain unaffected by this assignment.

Inventor 1			
		Date:	
Gianni MOC	HI	<u> </u>	
Witnessed by:	Signature		_ Date:
	Printed Name of Witness		
Witnessed by:	Signature		Date:
	Printed Name of Witness		····
Inventor 2			
		Date:	
Laura CASS	1		
Witnessed by:	Signature		Date:
	Printed Name of Witness		
Witnessed by:	Signature		Date:
	Printed Name of Witness	····	

Inventor 3			
		Date:	
Luciano BOI	VCIANI	_	
Witnessed by:	Signature		Date:
	Printed Name of Witness	<u>.</u>	
Witnessed by:	Signature		Date:
	Printed Name of Witness		
Inventor 4			
Gianni CEC	CHERINI	Date: _	
Witnessed by:	Signature		Date:
	Printed Name of Witness		
Witnessed by:	Signature	·	Date:

Printed Name of Witness

Inventor 5		
	Date:	
Leonardo ROSI		

Leonardo Ro	DSI		
Witnessed by:	Signature	Date:	
	Printed Name of Witness		
Witnessed by:	Signature	Date:	
	Printed Name of Witness		

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization

International Bureau



(43) International Publication Date 8 July 2004 (08.07.2004)

PCT

(10) International Publication Number WO 2004/057164 A1

(51) International Patent Classification⁷: F02C 9/00, G05B 13/04

F01N 11/00,

(21) International Application Number:

PCT/EP2003/014559

(22) International Filing Date:

18 December 2003 (18.12.2003)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: MI2002A002752

23 December 2002 (23.12.2002) IT

(71) Applicant (for all designated States except US): NUOVO PIGNONE HOLDING S.p.A. [IT/IT]; Via F. Matteucci, 2, I-50127 Firenze (IT).

(72) Inventors; and

(75) Inventors/Applicants (for US only): MOCHI, Gianni [IT/IT]; Via Antonio Canova 77, I-50142 Firenze (IT). CASSI, Laura [IT/IT]; Via Niccolo da Tolentino 42, I-50141 Firenze (IT). BONCIANI, Luciano [IT/IT]; Via Pratese 85/4, I-50145 Firenze (IT). CECCHERINI, Gianni [IT/IT]; Via 2 Giugno 82, I-50019 Sesto Fiorentino

(IT). ROSI, Leonardo [IT/IT]; Via Assisi 23, I-06080 S. Egidio (IT).

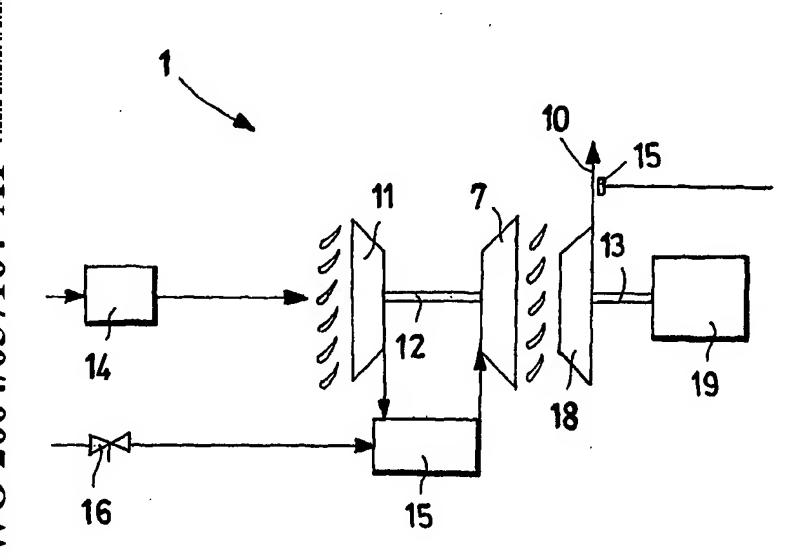
- (74) Agents: DE GREGORI, Antonella et al.; Ing. Barzano' & Zanardo Milano S.p.A., Via Borgonuovo, 10, I-20121 Milano (IT).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: SYSTEM FOR ESTIMATION AND CONTROL OF THE CONCENTRATIONS OF POLLUTANT GASES AT THE DISCHARGE OF Λ GAS TURBINE



(57) Abstract: System for estimation and control of the concentrations of pollutant gases at the discharge of a gas turbine comprising a unit (3) for acquisition of the data relating to the operating state of the turbine, the said data being detected by a control panel (2) of the turbine. The system also comprises a local processing unit (4), which processes the said data in association with the said acquisition unit and makes the data available for consultation by the latter.

WO 2004/057164 A1

SYSTEM FOR ESTIMATION AND CONTROL OF THE CONCENTRATIONS OF POLLUTANT GASES AT THE DISCHARGE OF A GAS TURBINE.

The present invention relates to a method and a system for estimation and control of the concentrations of pollutant gases at the discharge of a gas turbine.

In particular, the present invention relates to a method and a system for monitoring the emissions at the discharge of a gas turbine, without using continuous analysers of these emissions.

As is known, gas turbines are machines which consist of a compressor and a turbine with one or more stages, wherein these components are connected to one another by a rotary shaft, and wherein a combustion chamber is provided between the compressor and the turbine.

Air is supplied from the external environment to the compressor, in order to pressurise the latter.

By means of corresponding pipes, the pressurised air reaches the combustion chamber where, by means of one or more injectors which are supplied by a pressurised network, there is introduction of the fuel necessary to produce the combustion, which is designed to give rise to an increase in the temperature and enthalpy of the gas.

Via corresponding pipes, the high-temperature, high-pressure gas reaches the various stages of the turbine, which transforms the enthalpy of the gas into mechanical energy available to a user.

5 The monitoring systems of a known type control the emissions of the gas burnt in the turbine, by means of in-line analysers.

The applicant has observed that these analysers of the gas emissions require frequent calibration interventions, for example to be carried out by means of sample cylinders. In general, in each case it is necessary to carry out a periodic check of the compatibility of the results of the analyser, with the emissions actually measured, in order to keep the model compatible with the most recent states of the machine (long-term deterioration).

The applicant has created a system for estimation and control of the concentrations of pollutant gases at the discharge of a gas turbine, wherein, by means of analysis of a control panel of the turbine and calculation of the values detected by the panel, it is possible to deduce the emissions of the turbine (for example oxygen, nitric oxides, carbon monoxide). Thus, the system created does not need an in-line analyser

for the emissions, which are predicted by means of analysis of the conventional values which can be detected by an operating panel of the machine.

One aspect of the present invention relates to a method

for estimation and control of the concentrations of

pollutant gases at the discharge of a gas turbine,

comprising the following steps:

- receipt of a plurality of signals corresponding to
 data relating to the operating state of the
 turbine;
 - processing of this data; and
 - evaluation of the emissions into the atmosphere from this turbine on the basis of the said data processed.
- 15 A further aspect of the present invention relates to a system for estimation and control of the concentrations of pollutant gases at the discharge of a gas turbine, characterised in that it comprises:
- an acquisition unit for the data relating to the
 operating state of the turbine, the said data being detected by a control panel of the turbine;
 and
 - a local processing unit which processes the said data in association with the said acquisition unit

and makes the data available for consultation, in order to evaluate the emissions by the said turbine into the atmosphere, on the basis of the said data processed.

- The characteristics and advantages of the method and the system according to the present invention will become clearer and more apparent from the following description, provided by way of non-limiting example, with reference to the attached figures, in which:
- figure 1 shows a schematic view of a gas turbine to which the monitoring system according to the present invention can be applied;

15

20

- figure 2 is a block diagram of the system according to the present invention for estimation and control of the concentrations of pollutant gases at the discharge of a gas turbine; and
- figures 3a-c are graphs which represent the emissions of the said turbine using the system according to the present invention, and the emissions detected by means of an in-line analyser of the emissions themselves.

With reference to the aforementioned figures, a gas turbine 1 with a double shaft comprises a compressor 11 which is rotated by a first shaft 12, which compresses

4

the air sucked in via a filter 14 and conveys it to a combustion chamber 15, into which the fuel is inserted by means of the regulating valve 16. The combustion gases expand in the direction of a turbine 7 which is 5 keyed onto the said first shaft 12, such as to supply movement of the said rotary compressor. the Subsequently, the combustion gases expand in a power turbine 18 and are discharged into the atmosphere via discharge 10. A sensor 15 to measure the the 10 temperature of the emissions is also shown.

The operation of the turbine is controlled by a control panel 2, which receives the values measured on the turbine, for example the speed of rotation of the shafts, the temperature of the emissions, and the temperature of the environment in which the turbine is operating, etc.

According to the present invention, by carrying out monitoring, an estimation, and predictive calculation on the basis of these values measured, it is possible to evaluate the emissions of the turbine at the discharge 10 (oxygen, nitric oxide, carbon monoxide).

20

The system according to the present invention for estimation and control of the concentrations of pollutant gases at the discharge of a gas turbine

comprises a unit 3 for acquisition of data from the control panel 2, comprising a data base to store the data, and a local processing unit 4 which processes the said data in association with the said acquisition unit and makes the data available for consultation, for example by means of a corresponding display.

In addition, the system can also comprise a remote processing unit 5 which is connected by means of a conventional communication line, for example a LAN line or an Internet connection, from which the data processed can be consulted, without needing to be in a location in the vicinity of the gas turbine. For example this remote unit can consult the data via the network by means of a common Internet consultation programme (Internet browser).

In its interior the said acquisition unit comprises a calculator, which carries out the processing operations on the said values measured and stores them in a historic data base which takes into account all the processing operations carried out.

The system operates as follows.

The values measured by the control panel can be for example the temperature at the discharge from the compressor, the temperature at the discharge from the

power turbine, the pressure of delivery to the compressor, the ambient temperature, the relative humidity of the environment, the molecular weight of the combustible gas, the compressibility of the combustible gas, the delivery by mass of the fuel, the delivery of the combustion air, the speed of rotation of the turbine, etc.

This data relating to the operating state of the turbine, measured by the control panel, can be 10 processed by this calculator, in addition to some parameters and constants used in order to carry out refinement of the measurements, by interfacing the parameters themselves with the data measured.

The said calculator can also advantageously carry out a statistical calculation of the data stored in the historic data base for the operation of the turbine, for example by calculating the averages or calculating quadratic divergences from the averages.

The applicant has carried out tests analysing the

20 aforementioned data, which show that the values
calculated for the emissions are substantially similar
to the values measured by means of an in-line analyser.

In particular, the graphs in figures 3a-c show
respectively the emissions of nitric oxides (figure

3a), oxygen (figure 3b) and carbon monoxide (figure 3c).

CLAIMS

1. Method for estimation and control of the concentrations of pollutant gases at the discharge of a gas turbine, comprising the following steps:

- receipt of a plurality of signals corresponding to data relating to the operating state of the turbine;
 - processing of this data; and
- evaluation of the emissions into the atmosphere
 from this turbine on the basis of the said data
 processed.
- 2. Method according to claim 1, additionally comprising the step of storage of the data processed in order to create a historic file of the emissions from the turbine.
 - 3. Method according to claim 1, wherein the said step of processing this data comprises the step of interfacing this data with refinement parameters.
- 4. System for estimation and control of the concentrations of pollutant gases at the discharge of a gas turbine, characterised in that it comprises:
 - an acquisition unit (3) for the data relating to the operating state of the turbine, the said data

being detected by a control panel (2) of the turbine; and

• a local processing unit (4) which processes the said data in association with the said acquisition unit and makes the data available for consultation, in order to evaluate the emissions by the said turbine into the atmosphere, on the basis of the said data processed.

5

- 5. System according to claim 4, wherein the said local processing unit comprises a data base for storage of the data processed.
- 6. System according to claim 4, also comprising a remote processing unit (5) which is connected to the said local processing unit by means of a telecommunications line.
 - 7. System according to claim 6, wherein the said telecommunications line is an Internet line.
- 8. System according to claim 7, wherein the said remote unit consults this data by means of an Internet 20 consultation programme.
 - 9. System according to claim 4, wherein the said local processing unit comprises a calculator which carries out the processing of this data.

10. System according to claim 9, wherein the said calculator carries out statistical calculation of the data stored in the historic data base for operation of the turbine.

1/3

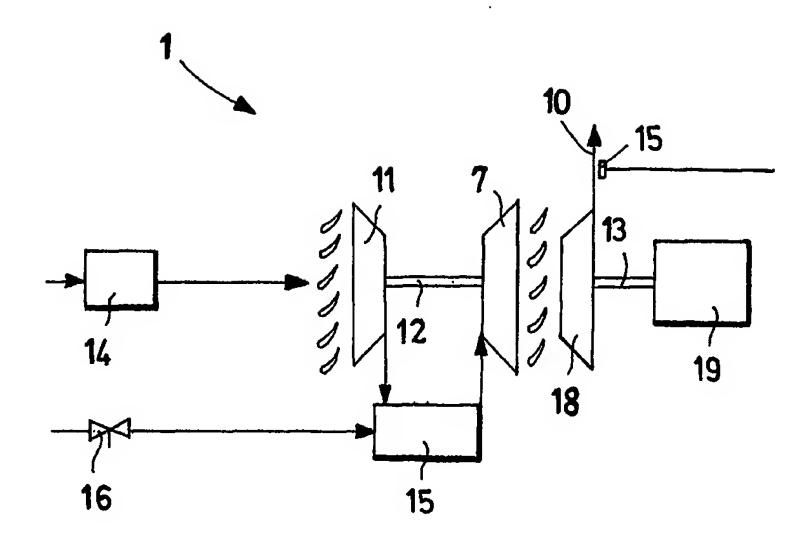


Fig.1

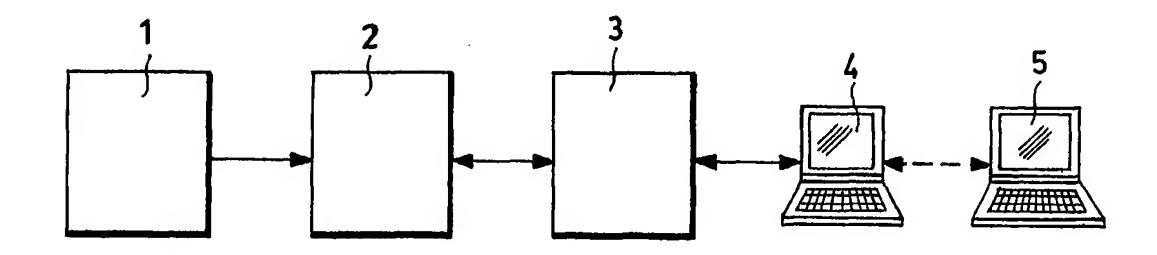


Fig.2

2/3
Nox error estimation

Unit: GE10 B2 DLN

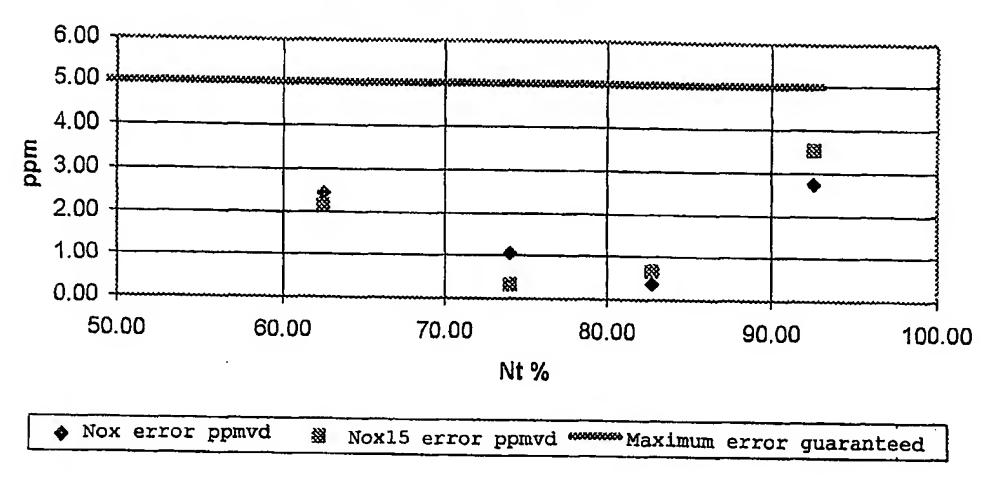


Fig.3a

CO error estimation

Unit: GE10 B2 DLN 6.00 5.00 « 4.00 3.00 2:00 **88** 1.00 0.00 50.00 60.00 70.00 80.00 90.00 100.00 Nt % CO error ppmvd

Fig.3b

02% error estimation

Unit: GE10 B2 DLN1

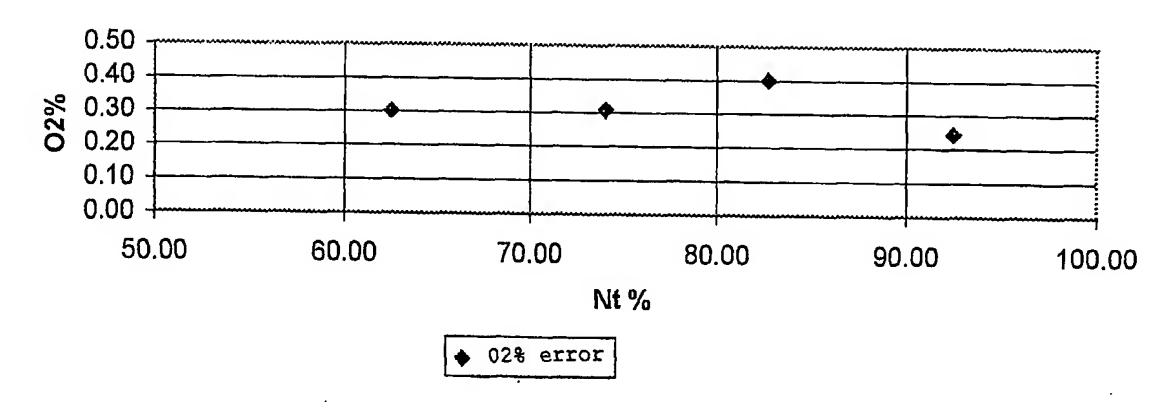


Fig.3c

INMERNATIONAL SEARCH REPORT

Intervional Application No PCT/EP 03/14559

A. CLASSIF IPC 7	FO1N11/00 FO2C9/00 G05B13/0)4	
According to	International Patent Classification (IPC) or to both national classification	ation and IPC	
B. FIELDS			
Minimum dod	cumentation searched (classification system followed by classification FOIN FO2C GO5B	on symbols)	
	ion searched other than minimum documentation to the extent that s		··········
	ata base consulted during the International search (name of data baternal, WPI Data, PAJ	se and, where practical, search terms used)	
С. ДОСИМЕ	ENTS CONSIDERED TO BE RELEVANT		
Category •	Citation of document, with indication, where appropriate, of the re-	levant passages	Relevant to claim No.
X	US 5 970 426 A (MANDEL STEPHEN 19 October 1999 (1999-10-19) column 1, line 16 column 2, line 46 - line 51 column 2, line 56 - line 61 column 3, line 39 - line 60	ET AL)	1-5,9,10
X	US 2002/134083 A1 (CACCIATORE GAI AL) 26 September 2002 (2002-09-20 paragraphs '0017!, '0037! - '00 '0046!, '0047!	6)	1,4,6-9
A	US 5 033 010 A (LAWRENCE TREVOR 16 July 1991 (1991-07-16) column 4, line 16 - line 26 column 4, line 34 - line 38 column 5, line 6 - line 10 column 5, line 63 - column 6, li		1-6,9,10
Furt	her documents are listed in the continuation of box C.	Patent family members are listed l	n annex.
	ategories of cited documents:	'T' later document published after the inte	ernational filing date
consider the consideration of the country of the co	ent which may throw doubts on priority claim(s) or is cited to establish the publication date of another on or other special reason (as specified) nent referring to an oral disclosure, use, exhibition or means ent published prior to the international filing date but than the priority date claimed	or priority date and not in conflict with cited to understand the principle or the invention "X" document of particular relevance; the cannot be considered novel or cannot involve an inventive step when the do "Y" document of particular relevance; the cannot be considered to involve an indecument is combined with one or ments, such combination being obvious in the art. "&" document member of the same patent	claimed invention to be considered to cument is taken alone claimed invention ventive step when the ore other such docuties to a person skilled
	actual completion of the international search 3 April 2004	Date of mailing of the international sea 19/04/2004	rcn report
ļ	mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2	Authorized officer	
	NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Angelucci, S	

RNATIONAL SEARCH REPORT

Information on patent family members

Interational Application No
PCT/EP 03/14559

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 5970426	Α	19-10-1999	NONE		
US 2002134083	A1	26-09-2002	CA	2438735 A1	29-08-2002
			EP	1381762 A2	21-01-2004
			WO	02066974 A2	29-08-2002
			AU	9059101 A	13-03-2002
			WO	0219653 A2	07-03-2002
US 5033010	Α	16-07-1991	GB	2225125 A	23-05-1990
			EP	0408684 A1	23-01-1991
			WO	9005959 A1	31-05-1990

From: Origin ID: COAA (408) 720-8300

Angela Quinn

BLAKELY, SOKOLOFF, TAYLOR & ZA 1279 OAKMEAD PARKWAY

SUNNYVALE, CA 94085 **UNITED STATES**

SHIP TO: 4087208300

Fed Exx.



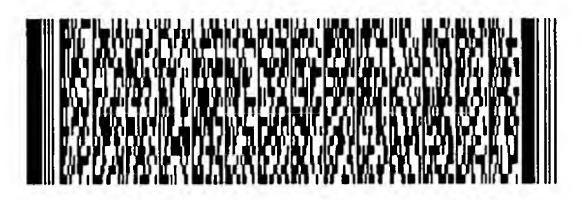
CLS090607/21/23

Luciano Bonciani **General Electric Power System**

Via Pratese 85/4

BILL SENDER

Firenze, 50145



These commodities, technology, or software were exported from the United States in accordance with the export administration regulations. Diversion contrary to United States law prohibited.

The Warsaw Convention may apply and will govern and in most cases limit the liability of Federal Express for loss or delay of or damage to your shipment. Subject to the conditions of the contract.

CONSIGNEE COPY - PLEASE PLACE IN POUCH

Ship Date: 05OCT07 ActWgt: 1 LB

System#: 1936004/INET7091 Account#: S ********

REF: 06097.P066 **DESC-1: Legal Documents**

DESC-2: DESC-3: DESC-4:

EEI: NO EEI 30.37(a) **COUNTRY MFG: US** CARRIAGE VALUE: 1.00 USD CUSTOMS VALUE: 1.00 USD

T/C: S 110935684 SIGN: Angela Quinn

EIN/VAT:

PM

7997 2945 9750

DЛ: R

IP ENVELOPE

X6-FLRA



MXP

TotWgt: 1 LB

Shipping Label: Your shipment is complete This shipping label constitutes the air waybill for this shipment.

1.Use the "Print" feature from your browser to send this page to your laser or inkjet printer. Fold the printed page along the horizontal line.

2. Place 2 originals of the shipping label in the pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in addition: charges, along with the cancellation of your FedEx account number.

LEGAL TERMS AND CONDITIONS OF FEDEX SHIPPING DEFINITIONS. On this Air Waybill, "we", "our", "us", and "FedEx" refer to Federal Express Corporation, its subsidiaries and branches and their respective e agents, and independent contractors. The terms "you" and "your" refer to the shipper, its employees, principals and agents. If your shipment originates outside the United States, your contract of carriage is with the Fe subsidiary, branch or independent contractor who originally accepts the shipment from you. The term "package" means any container or envelope that is accepted by us for delivery, including any such items tendered our automated systems, meters, manifests or waybills. The term "shipment" means all packages which are tendered to and accepted by us on a single Air Waybill. AIR CARRIAGE NOTICE. For any international ship the Warsaw Convention, as amended, may be applicable. The Warsaw Convention, as amended, will then govern and in most cases limit FedEx's liability for loss, delay of, or damage to your shipment. The Warsaw to amended, limits FedEx's liability. For example in the U.S. liability is limited to \$9.07 per pound (20\$ per kilogram), unless a higher value for carriage is declared as described below and you pay any applicable supplen charges. The interpretation and operation of the Warsaw Convention's liability limits may vary in each country. There are no specific stopplngplaces which are agreed to and FedEx reserves the right to route the ships FedEx deems appropriate. ROAD TRANSPORT NOTICE. Shipments transported solely by road to or from a country which is a party to the Warsaw Convention or the Contract for the International Carriage of Goods "CMR") are subject to the terms and conditions of the CMR, notwithstanding any other provision of this Air Waybill to the contrary. For those shipments transported solety by road, if a conflict arises between the provis CMR and this Air Waybill, the terms of the CMR shall prevail. LtMITATION OF LIABILITY. If not governed by the Warsaw Convention, the CMR, or other international treaties, laws, other government regulations, order requirements, FedEx's maximum liability for damage, loss, delay, shortage, misdelivery, nondelivery, misinformation or failure to provide information in connection with your shipment is limited by this Agreement and a terms and conditions of the contract of carriage. Please refer to the contract of carriage set forth in the applicable FedEx Service Guide or its equivelent to determine the contractual limitatation. FedEx does not provide or all-risk insurance, but you may pay an additional charge for each additional U.S. \$100 (or equivalent local currency for the country of origin) of declared value for carriage. If a higher value for carriage is declared an additional charge is paid, FedEx's maximum liability will be the lesser of the declared value for carriage or your actual damages. LIABILITIES NOT ASSUMED. IN ANY EVENT, FEDEX WON'T BE LIABLE FOR ANY I WHETHER DIRECT, INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL IN EXCESS OF THE DECLARED VALUE FOR CARRIAGE (INCLUDING BUT NOT LIMITED TO LOSS OF INCOME OR PROFITS). ACTUAL VALUE OF THE SHIPMENT, IF LOWER, WHETHER OR NOT FEDEX HAD ANY KNOWLEDGE THAT SUCH DAMAGES MIGHT BE INCURRED. FedEx won't be flable for your acts or omissions, including to incorrect declaration of cargo, improper or insufficient packaging, securing, marking or addressing of the shipment, or for the acts or omissions of the recipient or anyone else with an interest in the shipment or viola party of the terms of this agreement. FedEx won't be liable for damage, loss, delay, shortage, misdelivery, mondelivery, misinformation or failure to provide information in connection with shipments of cash, currency of prohibited Items or in instances beyond our control, such as acts of God, perils of the air, weather conditions, mechanical delays, acts of public enemies, war, strike, civil commotion, or acts or omissions of public author cutoms and health officials) with actual or apparent authority. NO WARRANTY. We make no warranties, express or implied. CLAIMS FOR LOSS, DAMAGE OR DELAY. ALL CLAIMS MUST BE MADE IN WRITING A STRICT TIME LIMITS. SEE OUR TARIFF, APPLICABLE FEDEX SERVICE GUIDE, OR STANDARD CONDITIONS OF CARRIAGE FOR DETAILS. The Warsaw Convention provides specific written claims procedur delay or non-delivery of your shipment. Moreover, the Interpretation and operation of the Warsaw Convention's claims provisions may vary in each country. Refer to the Convention to determine the claims period for y The right to damages against us shall be extingulshed unless an action is brought within two years, as set forth in the Convention. FedEx is not obligated to act on any claim until all transportation charges have been a amount may not be deducted from the transportation charges. If the recipient accepts the shipment without noting any damage on the delivery record, FedEx will assume the shipment was delivered in good condition. to consider a claim for damage, the contents, original shipping carton and packing must be made available to us for Inspection. MANDATORY LAW. Insofar as any provision contained or referred to in this Air Waybill contrary to any applicable international treaties, laws, government regulations, orders or requirements such provisions shall remain in effect as a part of our agreement to the extent that it is not overridden. The invalid unenforceability of any provisions shall not affect any other part of this Air Waybill. Unless otherwise indicated, FEDERAL EXPRESS CORPORATION, 2005 Corporate Avenue, Memphis, TN 38132, USA, is the first c shipment, Email address located at www.fedex.com.

Joyce Klein

From: TrackingUpdates@fedex.com

Sent: Friday, October 05, 2007 1:55 PM

To: Joyce Klein

Subject: FedEx Shipment Notification

This tracking update has been requested by:

Company Name:

BLAKELY, SOKOLOFF, TAYLOR & ZA

Name:

Angela Quinn

E-mail:

Joyce_Klein@bstz.com

Angela Quinn of BLAKELY, SOKOLOFF, TAYLOR & ZA sent Luciano Bonciani of General Electric Power System 1 FedEx International Priority package(s).

This shipment is scheduled to be sent on 10/05/2007.

Tracking number:

799729459750

To track the latest status of your shipment, click on the tracking number above, or visit us at fedex.com.

To learn more about FedEx Express, please visit our website at fedex.com.

This tracking update has been sent to you by FedEx on the behalf of the Requestor noted above. FedEx does not validate the authenticity of the requestor and does not validate, guarantee or warrant the authenticity of the request, the requestor's message, or the accuracy of this tracking update. For tracking results and fedex.com's terms of use, go to fedex.com.

Thank you for your business.

Joyce Klein

From: TrackingUpdates@fedex.com

Sent: Monday, October 08, 2007 2:09 AM

To: Joyce Klein

Subject: FedEx Shipment 799729459750 Delivered

This tracking update has been requested by:

Company Name:

BLAKELY, SOKOLOFF, TAYLOR & ZA

Name:

Angela Quinn

E-mail:

Joyce_Klein@bstz.com

Our records indicate that the following shipment has been delivered:

Reference:

06097.P066

Ship (P/U) date:

Oct 5, 2007

Delivery date:

Oct 8, 2007 11:05 AM

Sign for by:

M.GIORGI

Delivered to:

Residence

Service type:

- 1m - - - - - - - - - - - - 1

Daglesging tupe.

FedEx International Priority

Packaging type:

FedEx Pak

Number of pieces:

1.00 lb.

Weight:
Special handling/Services:

Residential Delivery

Deliver Weekday

Tracking number:

799729459750

Shipper Information

Recipient Information

ANGELA QUINN

LUCIANO BONCIANI GENERAL ELECTRIC POWER SYSTEM

BLAKELY, SOKOLOFF, TAYLOR ZA 1279 OAKMEAD PARKWAY

VIA PRATESE 85/4

SUNNYVALE

FIRENZE

IT

CA US

50145

94085

Please do not respond to this message. This email was sent from an unattended mailbox. This report was generated at approximately 4:09 AM CDT on 10/08/2007.

To learn more about FedEx Express, please visit our website at fedex.com.

All weights are estimated.

To track the latest status of your shipment, click on the tracking number above, or visit us at fedex.com.

This tracking update has been sent to you by FedEx on the behalf of the Requestor noted above. FedEx does not validate the authenticity of the requestor and does not validate, guarantee or warrant the authenticity of the request, the requestor's message, or the accuracy of this tracking update. For tracking results and fedex.com's terms of use, go to fedex.com.

Thank you for your business.

Track Shipments/FedEx Kinko's Orders **Detailed Results**



Tracking num Signed for by Ship date Delivery date	/	799729459750 M.GIORGI Oct 5, 2007 Oct 8, 2007 11:05 AM	Desi Defi	erence tination vered to vice type ght	06097.P0 FIRENZE Residend Priority P 1.0 lbs.	EIT e
Status		Delivered				
Signature im available	age	Yes				
Date/Time Oct 8, 2007 Oct 7, 2007	11:05 AM 8:13 AM 7:28 AM 2:00 PM	On FedEx vehicle for At local FedEx facility	•	Location FIRENZE IT PRATO IT PRATO IT MALPENSA IT	Details	
	2:00 PM 7:07 AM	Int'l shipment release In transit	e	MALPENSA IT MALPENSA IT		vailable for
Oct 6, 2007	2:34 AM 12:58 AM	Arrived at FedEx loc		PARIS FR MEMPHIS, TN MEMPHIS, TN		
Oct 5, 2007	6:18 PM 5:38 PM	· ·		SUNNYVALE, CA SUNNYVALE,		
	2:52 PM	·	nitted to	CA		
Subscribe (to tracking ι	nature proof E-	mail results You	r E-mail Addr	k more shipmer	nts/orders
E-mail add	Iress	Language			Exception	Delivery
		English	•	▼	updates	updates
,	********	English		_	Γ	Γ
<u> </u>		English			Γ	<u> </u>
		English		_	Γ	Γ
	mat: • Hī onal messa	TML C Text C Wi	reless			
Not availal	ble for Wirel	less or				<u>*</u>
┌ By sel Condit		check box and the Su	bmit button,	l agree to thes	e Terms and	Submit



FedEx Express Customer Support Trace 3875 Airways Boulevard Module H, 4th Floor Memphis, TN 38116 U.S. Mail: PO Box 727 Memphis, TN 38194-4643

Telephone: 901-369-3600

October 15,2007

Dear Customer:

The following is the proof of delivery you requested with the tracking number 799729459750.

Delivery Information:

Status:

Delivered

Delivery location:

85 V PRATESE FI

FIRENZE 50145

Signed for by:

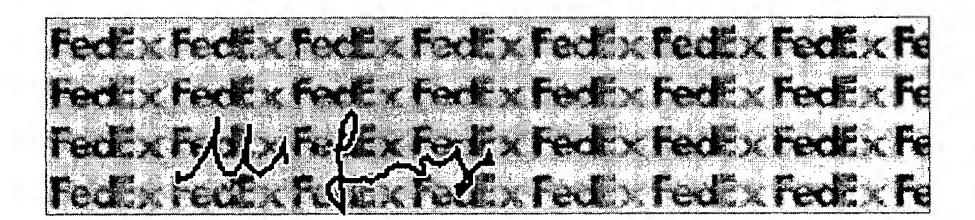
M.GIORGI

Delivery date:

Oct 8, 2007 11:05

Service type:

Priority Pak



Shipping Information:

Tracking number:

799729459750

Ship date:

Oct 5, 2007

Weight:

1.0 lbs.

Recipient:

LUCIANO BONCIANI GENERAL ELECTRIC POWER SYSTEM VIA PRATESE 85/4 FIRENZE 50145 IT

Reference

Shipper:

ANGELA QUINN BLAKELY, SOKOLOFF, TAYLOR ZA 1279 OAKMEAD PARKWAY SUNNYVALE, CA 94085 US

06097.P066

Thank you for choosing FedEx Express.

FedEx Worldwide Customer Service 1.800.GoFedEx 1.800.463.3339

Web Images Video News Maps Gmail more ▼ kgrange@gmail.com | My Notebooks | My Account | Sign out

Google

"Luciano Bonciani" OR "Bonciani Luciano" AN Search Advanced Search Preferences

The "AND" operator is unnecessary -- we include allesearch teams by defaulto (details history

Web Results 1 - 5 of 5 for "Luciano Bonciani" OR "Bonciani Luciano" AND Italy. (0.17 seconds)

Tip: Try removing quotes from your search to get more results.

CIPO - Patent - 2414034

(72) Inventors (Country):, MODI, ROBERTO (Italy) BONCIANI, LUCIANO (Italy) CECCHERINI, GIANNI (Italy). (73) Owners (Country):, NUOVO PIGNONE HOLDING S.P.A. ...

patents1.ic.gc.ca/details?patent_number=2414034 - 15k -

Cached - Similar pages - Note this

CIPO - Patent - 2413637

CECCHERINI, GIANNI (Italy) BONCIANI, LUCIANO (Italy). (73) Owners (Country):, NUOVO PIGNONE HOLDING S.P.A. (Italy). (71) Applicants (Country):, NUOVO ... patents1.ic.gc.ca/details?patent_number=2413637 - 15k - Cached - Similar pages - Note this
[More results from patents1.ic.gc.ca]

Dry Low NOx combustion systems at gas compressor stations

The network is powered by compressor stations throughout Italy which employ gas turbines ... Technology Supplier:; Mr Luciano Bonciani; Nuovo Pignone S.p.A. ... www.p2pays.org/ref/09/08859.htm - 7k - Cached - Similar pages - Note this

국가청정생산지원센터 - [Translate this page]

The network is powered by compressor stations throughout Italy which employ gas ... Fax: +39 (2) 520 38133 Technology Supplier: Mr Luciano Bonciani Nuovo ... www.kncpc.re.kr/data/data_7_read.asp?id=363&page=30&keyword= - 17k - Cached - Similar pages - Note this

[PDF] INDUSTRIAL COMPRESSORS

File Format: PDF/Adobe Acrobat - View as HTML

Luciano Bonciani and Luciano Terrinoni. Nuovo. Pignoue. Florence, Italy. An experimental investigation was performed to determine the characteristics of the ... hdl.handle.net/2060/19850005831 - Similar pages - Note this

In order to show you the most relevant results, we have omitted some entries very similar to the 5 already displayed.

If you like, you can repeat the search with the omitted results included.

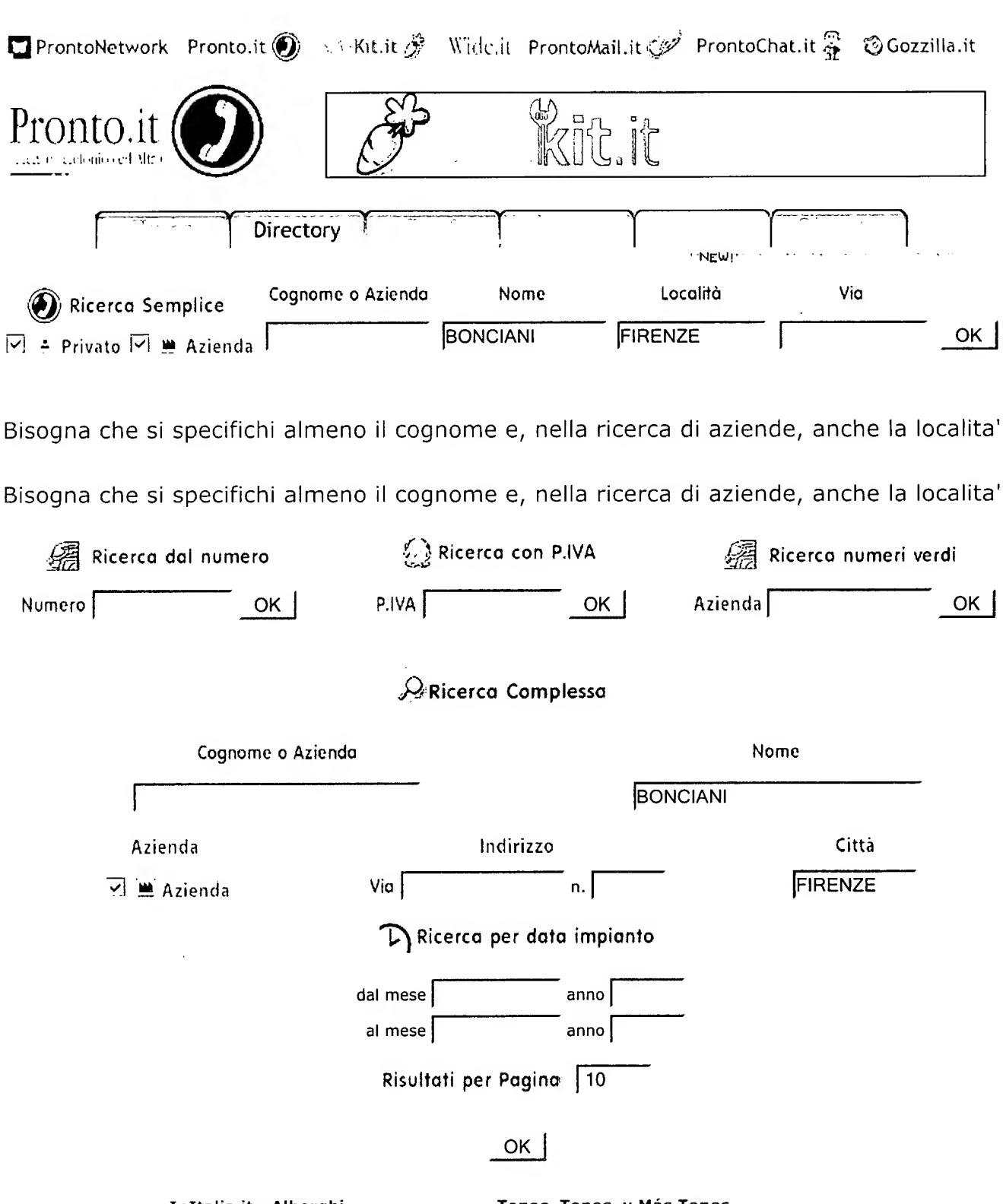
Download Google Pack: free essential software for your PC

"Luciano Bonciani" OR "Bonciani Lu Search

Search within results | Language Tools | Search Tips | Dissatisfied? Help us improve

©2007 Google - Google Home - Advertising Programs - Business Solutions - About Google

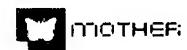
10/15/2007 4:24 PM



InItalia.it - Alberghi Verde 800.007.777, è Gratis!

Tonos, Tonos, y Más Tonos Prenota ora da Web o da Call Center Numero Los Ringtones Más Cool, Más Hot. ¡Bájalos ya sin tarjeta de crédito!

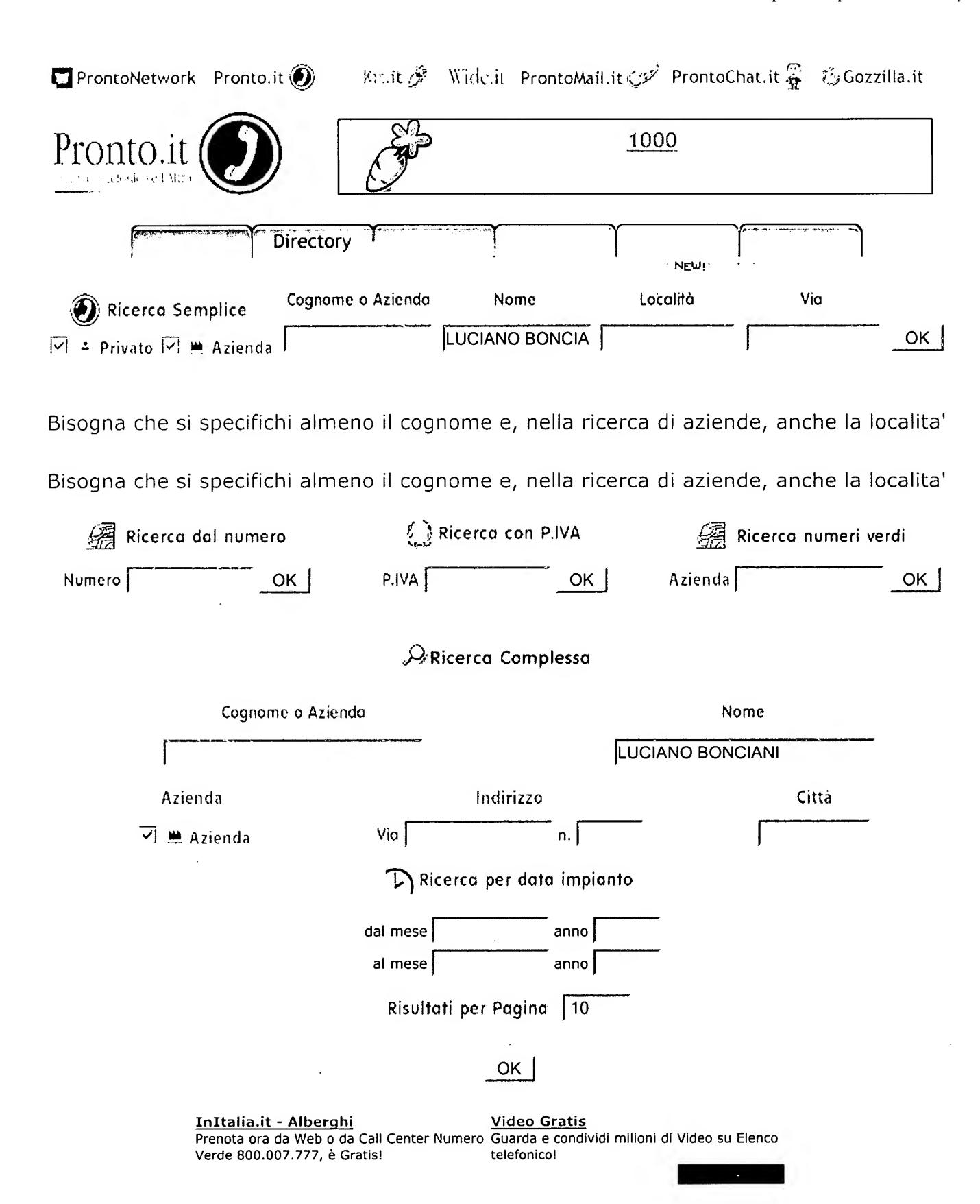
(c) Copyright 1999 - 2007 Mother Technologies P.I. 01294270895



Webmaster inscrisca l'elenco telefonico di Pronto sul tuo sito gratis!



Tempo di ricerca: 0.00
Pronto.it e' il primo Elenco Telefonico Italiano nato nel 1999.
Il database dell'elenco telefonico di Pronto.it e' sincronizzato con l'elenco abbonati di Telecom Italia.
Per essere rimossi dall'elenco basta <u>contattarci</u>.
Pronto.it non e' collegato in alcun modo a Pagine Bianche o Telecom Italia.



(c) Copyright 1999 - 2007 Mother Technologies P.I. 01294270895



Webmaster inscrise: l'elenco telefonico di Pronto sul tuo sito gratis!



Tempo di ricerca: 0.00
Pronto.it e' il primo Elenco Telefonico Italiano nato nel 1999.
Il database dell'elenco telefonico di Pronto.it e' sincronizzato con l'elenco abbonati di Telecom Italia.

Per essere rimossi dall'elenco basta contattarci.

Pronto.it non e' collegato in alcun modo a Pagine Bianche o Telecom Italia.



TOTAL AMOUNT OF PAYMENT

(\$)

FOR FY 2007 Complete if Known Application Number 10/540,374 Filing Date June 22, 2005 First Named Inventor Gianni Mochi Patent fees are subject to annual revision. **Examiner Name** Unassigned Applicant claims small entity status. See 37 CFR 1.27. Unassigned 6097P066 Art Unit

Attorney Docket No.

1,670.00

METHOD OF PAYMENT (check all that apply)	
■ Check	
Deposit Account Deposit Account Number: 02-2666 Deposit Account Name: Blakely, Sokoloff, Taylor & Za	fman LLP
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply) Charge fee(s) indicated below Charge any additional fee(s) or underpayment of fee(s) Credit any overpayments under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20.	filing fee
FEE CALCULATION	
Large Entity Small Entity	
Fee Fee Fee Fee Code (\$) Code (\$) Fee Description	Fee Paid
1051 130 2051 65 Surcharge - late filing fee or oath	130.00
1052 50 2052 25 Surcharge - late provisional filing fee or cover sheet.	
2053 130 2053 130 Non-English specification	
1251 120 2251 60 Extension for reply within first month	
1252 460 2252 230 Extension for reply within second month	
1253 1,050 2253 525 Extension for reply within third month	
1254 1,640 2254 820 Extension for reply within fourth month	
1255 2,230 2255 1,115 Extension for reply within fifth month	
1401 510 2401 255 Notice of Appeal	
1402 510 2402 255 Filing a brief in support of an appeal	
1403 1,030 2403 515 Request for oral hearing	-
1451 1,510 2451 1,510 Petition to institute a public use proceeding	
1460 130 2460 130 Petitions to the Commissioner	
1807 50 1807 50 Processing fee under 37 CFR 1.17(q)	
1806 180 1806 Submission of Information Disclosure Stmt	
1809 810 1809 405 Filing a submission after final rejection (37 CFR § 1.129(a))	
1810 810 2810 405 For each additional invention to be examined (37 CFR § 1.129(b))	
Other fee (specify) Petition to revive	1,540.00
SUBTOTAL (2) (\$)	1.670.00

SUBMITTED BY Complete (if applicable)					olete (if applicable)	
Name (Print/Type)	Michael J. Mallie		Registration No. (Attorney/Agent)	36,591	Telephone	(408) 720-8300
Signature				_	Date	10/17/07

FÉE TRANSMITTAL for FY 2007

Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT

(\$) 1,670,00

Complete if Known				
Application Number	10/540,374			
Filing Date	June 22, 2005	·		
First Named Inventor	Gianni Mochi	•		
Examiner Name	Unassigned			
Art Unit	Unassigned			
Attorney Docket No.	6097P066			

				Allomey Docket No. 0097P000	
METHO	OF PAY	MENT (cl	heck all t	that apply)	
⊠ Check [Credit ca	rd 🛛 M	oney Or	der None Other (please identify):	
Deposit A	Account D	eposit Ac	count N	umber: 02-2666 Deposit Account Name: Blakely, Sokoloff, Taylor & Za	fman LLP
For the a	above-iden	tified dep	osit acco	ount, the Director is hereby authorized to: (check all that apply)	
	arge fee(s)			Charge fee(s) indicated below, except for the f	iling fee
			, ,	underpayment of fee(s)	
FEE CALCU					
ree CALCO	LATION				
Large Er	ntity	Small	Entity		
Fee	Fee	Fee	Fee	Fee Description	Fee Paid
Code	(\$)	Code	(\$)	1 CO DOGGIPHON	- COT ala
1051	130	2051	65	Surcharge - late filing fee or oath	130.00
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.	
2053	130	2053	130	Non-English specification	
1251	120	2251	60	Extension for reply within first month	
1252	460	2252	230	Extension for reply within second month	
1253	1,050	2253	525	Extension for reply within third month	
1254	1,640	2254	820	Extension for reply within fourth month	
1255	2,230	2255	1,115	Extension for reply within fifth month	
1401	510	2401	255	Notice of Appeal	
1402	510	2402	255	Filing a brief in support of an appeal	
1403	1,030	2403	515	Request for oral hearing	
1451	1,510	2451	1,510	Petition to institute a public use proceeding	
1460	130	2460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
1809	810	1809	405	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	810	2810	405	For each additional invention to be examined (37 CFR § 1.129(b))	
Other f	ee (spe	cify) P	etition	to revive	1,540.00
				SUBTOTAL (2) (\$)	1 670 00

SUBMITTED BY Complete (if applicable)					
Name (Print/Type)	Michael J. Mallie	Registration No. (Attorney/Agent)	36,591	Telephone	(408) 720-8300
Signature				Date	10/17/07

PETITION FEE
Under 37 CFR 1.17(f), (g), & (h)
TRANSMITTAL
(Fees are subject to annual revision)

Send completed form to: Commissioner for Patents P.O. Box 1450, Alexandria, VA 22313-1450

Complete if Known				
Application Number	10/540,374	•		
Filing Date	June 22, 2005			
First Named Inventor	Gianni Mochi	4		
Examiner Name	Unassigned	,		
Art Unit	Unassigned			
Attorney Docket No.	6097P066			

Enclosed is a petition filed under 37 CFR 1.17(g) that requires a processing fee (37 CFR 1.17(f), (g), or (h)). Payment of \$200 is enclosed.

This form should be included with the above-mentioned petition and faxed or mailed to the Office using the appropriate Mail Stop (e.g., Mail Stop Petition), if applicable. For transmittal of processing fees under 37 CFR 1.17(i), see form PTO/SB/17i.

Payment of Fees (small entity amounts are NOT available for the petition fees)

- The Commissioner is hereby authorized to charge the following fees to Deposit Account No. <u>02-2666</u>:
 - petition fee under 37 CFR 1.17(f), (g) or (h) any deficiency of fees and credit of any overpayments

Fee Code 1462

Enclose a duplicative copy of this form for fee processing

☑ Check in the amount of \$200 is enclosed.

Petition Fees under 37 CFR 1.17(f): Fee \$400

For petitions filed under:

§ 1.36(a) - for revocation of a power of attorney by fewer than all applicants.

- § 1.53(e) to accord a filing date.
- § 1.57(a) to accord a filing date.
- § 1.182 for decision on a question not specifically provided for.
- § 1.183 to suspend the rules.
- § 1.378(e) for reconsideration of decision on petition refusing to accept delayed payment of maintenance fee in an expired patent.
- § 1.741(b) to accord a filing date to an application under § 1.740 for extension of a patent term.

Petition Fees under 37 CFR 1.17(g): Fee \$200

Fee Code 1463

For petitions filed under:

- § 1.12 for access to an assignment record.
- § 1.14 for access to an application.
- § 1.47 for filing by other than all the inventors or a person not the inventor.
- § 1.59 for expungement of information.
- § 1.103(a) to suspend action in an application.
- § 1.136(b) for review of a request for extension of time when the provisions of section 1.136(a) are not available.
- § 1.295 for review of refusal to publish a statutory invention registration.
- § 1.296 to withdraw a request for publication of a statutory invention registration filed on or after the date the notice of intent to publish issue \$\psi\$.
- § 1.377- for review of decision refusing to accept and record payment of a maintenance fee filed prior to expiration of a patent.
- § 1.550(c) for patent owner requests for extension of time in ex parte reexamination proceedings.
- § 1.956 for patent owner requests for extension of time in inter partes reexamination proceedings.
- § 5.12- for expedited handling of a foreign filing license.
- § 5.15- for changing the scope of a license.
- § 5.25 for retroactive license.

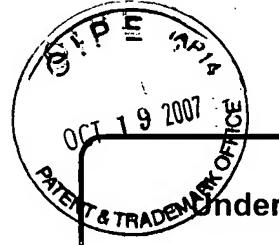
Petition Fees under 37 CFR 1.17(h): Fee \$130

Fee Code 1464

For petitions filed under:

- § 1.19(g) to request documents in a form other than that provided in this part.
- § 1.84 for accepting color drawings or photographs.
- § 1.91 for entry of a model or exhibit.
- § 1.102(d) to make an application special.
- § 1.138(c) to expressly abandon an application to avoid publication.
- § 1.313 to withdraw an application from issue.
- § 1.314 to defer issuance of a patent.

SUBMITTED BY Complete (if applicable)					
Name (Print/Type)	Michael J. Mallie	Registration No. (Attorney/Agent)	36,591	Telephone	(408) 720-8300
Signature	2			Date	10/17/07



PETITION FEE der 37 CFR 1.17(f), (g), & (h) TRANSMITTAL

Send completed form to: Commissioner for Patents P.O. Box 1450, Alexandria, VA 22313-1450

Complete if Known				
Application Number	10/540,374			
Filing Date	June 22, 2005			
First Named Inventor	Gianni Mochi			
Examiner Name	Unassigned	•		
Art Unit	Unassigned			
Attorney Docket No.	6097P066			

Enclosed is a petition filed under 37 CFR 1.17(g) that requires a processing fee (37 CFR 1.17(f), (g), or (h)). Payment of \$200 is enclosed.

This form should be included with the above-mentioned petition and faxed or mailed to the Office using the appropriate Mail Stop (e.g., Mail Stop Petition), if applicable. For transmittal of processing fees under 37 CFR 1.17(i), see form PTO/SB/17i.

Payment of Fees (small entity amounts are NOT available for the petition fees)

- The Commissioner is hereby authorized to charge the following fees to Deposit Account No. 02-2666:
 - petition fee under 37 CFR 1.17(f), (g) or (h) any deficiency of fees and credit of any overpayments

Enclose a duplicative copy of this form for fee processing

☑ Check in the amount of \$200 is enclosed.

Petition Fees under 37 CFR 1.17(f): Fee \$400 Fee Code 1462

For petitions filed under:

- § 1.36(a) for revocation of a power of attorney by fewer than all applicants.
- § 1.53(e) to accord a filing date.
- § 1.57(a) to accord a filing date.
- § 1.182 for decision on a question not specifically provided for.
- § 1.183 to suspend the rules.
- § 1.378(e) for reconsideration of decision on petition refusing to accept delayed payment of maintenance fee in an expired patent.
- § 1.741(b) to accord a filing date to an application under § 1.740 for extension of a patent term.

Petition Fees under 37 CFR 1.17(g): Fee \$200 Fee Code 1463

For petitions filed under:

- § 1.12 for access to an assignment record.
- § 1.14 for access to an application.
- § 1.47 for filing by other than all the inventors or a person not the inventor.
- § 1.59 for expungement of information.
- § 1.103(a) to suspend action in an application.
- § 1.136(b) for review of a request for extension of time when the provisions of section 1.136(a) are not available.
- § 1.295 for review of refusal to publish a statutory invention registration.
- § 1.296 to withdraw a request for publication of a statutory invention registration filed on or after the date the notice of intent to publish issued.
- § 1.377- for review of decision refusing to accept and record payment of a maintenance fee filed prior to expiration of a patent.
- § 1.550(c) for patent owner requests for extension of time in ex parte reexamination proceedings.
- § 1.956 for patent owner requests for extension of time in interpartes reexamination proceedings.
- § 5.12- for expedited handling of a foreign filing license.
- § 5.15- for changing the scope of a license.
- § 5.25 for retroactive license.

Petition Fees under 37 CFR 1.17(h): Fee \$130 Fee Code 1464

For petitions filed under:

- § 1.19(g) to request documents in a form other than that provided in this part.
- § 1.84 for accepting color drawings or photographs.
- § 1.91 for entry of a model or exhibit.
- § 1.102(d) to make an application special.
- § 1.138(c) to expressly abandon an application to avoid publication.
- § 1.313 to withdraw an application from issue.
- § 1.314 to defer issuance of a patent.

SUBMITTED E	BY .	Complete (if applicable)			
Name (Print/Type)	Michael J. Mallie	Registration No. (Attorney/Agent)	36,591	Telephone	(408) 720-8300
Signature	2			Date	10/17/07



PETITION FOR REVIVAL OF AN APPLICATION FOR PATENT ABANDONED UNINTENTIONALLY UNDER 37 CFR 1.137(b)

Attorney Docket No.: 6097.P066

First Named Inventor: Gianni Mochi et al

Application No.: 10/540,374

Art Unit: unassigned

Filed: June 22, 2005

Examiner: unassigned

Title: SYSTEM FOR ESTIMATION AND CONTROL OF THE CONCENTRATIONS OF POLLUTANT GASES

AT THE DISCHARGE OF A GAS TURBINE

Mail Stop Petition Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

NOTE: If information or assistance is needed in completing this form, please contact

Petitions Information at (703) 305-9282.

The above-identified application became abandoned for failure to file a timely and proper reply to a notice or action by the United States Patent and Trademark Office. The date of abandonment is the day after the expiration date of the period set for reply in the Office notice or action plus any extensions of time actually obtained.

APPLICANT HEREBY PETITIONS FOR REVIVAL OF THIS APPLICATION

NOTE: A grantable petition requires the following items:

- (1) Petition fee;
- (2) Reply and/or issue fee;
- (3) Terminal disclaimer with disclaimer fee required for all utility and plant applications filed before June 8, 1995; and for all design applications; and
- (4) Statement that the entire delay was unintentional.

1	P	e	tit	10	n	fe	e

2.

l	J Small entity fee \$(37 CFR 1.17(m)). Applicant claims small entity status. See 37 CFR 1.27.
[X	(] Other than small entity – fee \$1540 (37 CFR 1.17(m)).
Re	ply and/or fee
A.	The reply and/or fee to the above-noted Office action in the form of
	[] has been filed previously on
	[X] is enclosed herewith.
B.	The issue fee of \$
	[] has been paid previously on

10/22/2007 MKAYPAGH 00000144 10540374

03 FC:1453

1540.00 DP

] is enclosed herewith.

[X] Since this required		on or after June 8, 1995, no terminal disclaimer is
\$,	37 CFR 1.20(d)) of \$for a small entity or claiming the required period of time is enclosed
filing of a grant and Trademark	able petition under 37 CFR 1.137 CFR	ired reply from the due date for the required reply until the (b) was unintentional. (NOTE. The United States Patent ormation if there is a question as to whether either the er 37 CFR 1.137(b) was unintentional (MPEP 711.03(c),
	_	come public. Credit card information should not be formation and authorization on PTO-2038.
Oatabari	17 2007	
October 1	<u>17, 2007</u> Date	Signature
		Oignature
Telephone	00.	
Number: <u>(408-720-83</u>	<u> </u>	Michael J. Mallie Typed or printed name
		Typod of printed fiditio
		36,591 Pog. No.
		Reg. No.
Enclosures: [X]	Fee Payment	1279 Oakmead Parkway, Sunnyvale, CA 94085
[x]	Reply	Address
[] []	Terminal Disclaimer Form Additional sheets containing sta Other:	atements establishing unintentional delay
	CERTIFICATE OF MAILING C	R TRANSMISSION [37 CFR 1.8(a)]
I hereby certify	that this correspondence is being	j :
first class		vice on the date shown below with sufficient postage as Mail Stop Petition, Commissioner for Patents, P.O. Box
1450, Alex		
·	•	below to the United States Patent and Trademark Office at
[] transmitted (703) 308-	•	below to the United States Patent and Trademark Office at
[] transmitted (703) 308-	6916.	below to the United States Patent and Trademark Office at Signature
[] transmitted (703) 308-	6916. 17-07	Signature
[] transmitted (703) 308-	6916. 17-07	- AML
[] transmitted (703) 308-	6916. 17-07	Joyce Klein
[] transmitted (703) 308-	6916. 17-07	Signature Joyce Klein

Docket No: 6097P066

Patent

OCT 1 9 2007

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Gianni Mochi et al

Serial No.: 10/540,374

Filed: 06/22/2005

For: SYSTEM FOR ESTIMATION AND CONTROL OF THE CONCENTRATIONS OF POLLUTANT GASES AT THE DISCHARGE OF

A GAS TURBINE

Mail Stop Petition Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 Examiner: Unassigned

Art Unit: Unassigned

Confirmation No.: 2576

PETITION TO ACCEPT UNINTENTIONALLY DELAYED REPLY UNDER 37 C.F.R. 1.137(b)

Dear Sir:

Applicant hereby petitions to revive the above-noted abandoned application.

The delay in reply by the Applicant was unintentional. Applicant has filed concurrently herewith a petition under 37 C.F.R. 1.47(a) for a joint inventor that cannot be found after diligent efforts, including proof of the pertinent facts, the fee set forth in 37 C.F.R. 1.17(g), and the last known address of the non-signing inventor to satisfy the outstanding Notice under 37 C.F.R 1.137(b)(1). Applicant has also enclosed a check in the amount of \$1540.00 for payment of the petition fee as set forth in 37 C.F.R. 1.17(m). Applicant hereby petitions that this petition fee be accepted as the delay in reply by the Applicant was unintentional.

Please charge any shortages or credit any overages to our Deposit Account No. 02-2666. A duplicate copy of this Petition is enclosed for deposit account charging purposes.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated: ω/γ , 2007

Michael J. Mallie Reg. No. 36,591

PIPE	Atty Docket No.: 6097P066	
OCT 19 2	IN THE UNITED STATES PATENT A	AND TRADEMARK OFFICE
THE TRADEM	Application of:)
	Gianni Mochi et al)
S	Serial No.: 10/540,374	Examiner: Unassigned
.]	Filed: 06/22/2005) Art Unit: Unassigned
]	For: SYSTEM FOR ESTIMATION AND CONTROL OF THE CONCENTRATIONS OF POLLUTANT GASES AT THE DISCHARGE OF A GAS TURBINE))) Confirmation No.: 2576
	Mail Stop Petition Commissioner for Patents	_/

P.O. Box 1450 Alexandria, VA 22313-1450

PETITION FOR FILING BY OTHER THAN ALL THE INVENTORS

Under 37 C.F.R. § 1.47(a)

Dear Sir:

In response to the Notice to File Missing Parts of Non-Provisional Application mailed December 27, 2005, Applicant respectfully submits a petition to file on behalf of omitted inventor, Luciano Bonciani. Included with this petition are the following items:

- 1) A declaration of facts from Michael J. Mallie providing proof of pertinent facts concerning the unavailability of inventor Luciano Bonciani to execute the Declaration for filing in the U.S. Patent and Trademark Office.
- A combined Declaration and Power of Attorney signed by joint inventors 2) Gianni Mochi, Laura Cassi, Gianni Ceccherini and Leonardo Rosi.
- The required \$200.00 petition fee pursuant to 37 C.F.R. § 1.17(g) for the 3) petition to file by other than all the inventors (37 C.F.R. § 1.47(a)).

10/22/2007 MKAYPAGH 00000144 10540374

02 FC:1463

200.00 OP

Atty Docket No.: 6097P066

The last known name and address of the joint inventor unavailable to execute and otherwise cooperate in the prosecution of the present patent application is:

Luciano Bonciani Via Pratese 85/4, I50145 Firenze, Italy

On June 22, 2005, Applicant filed a patent application, which required an executed declaration by all the inventors. As supported in the enclosed declaration of facts by Michael J. Mallie, Applicant could not determine Mr. Bonciani's current mailing address or contact information in order to send a Declaration and Power of Attorney to be executed.

The required fee pursuant to 37 C.F.R. § 1.17(g) is enclosed. If there is a deficiency in fees, please charge our Deposit Account No. 02-2666.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN, LLP

Dated: 10/17/0-2

Michael J. Mallie

Reg. No. 36,591

1279 Oakmead Parkway Sunnyvale, CA 94085-4040 (408) 720-8300



COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if several names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

SYSTEM FOR ESTIMATION AND CONTROL OF THE CONCENTRATIONS OF POLLUTANT GASES AT THE DISCHARGE OF A GAS TURBINE

the specification of which was filed on June 22, 2005 as Application Serial No. 10/540,374

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with 37 CFR §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. §119 (a)-(d) or (f) or 365(b) of any foreign application(s) for patent or inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below, and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed:

COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED?	CERTIFIED COPY ATTACHED
Italy	MI2002A002752	23 December 2002	Yes	✓ Yes ? No
				≠ Yes ≠ No
				& Yes & No

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s), or 365(c) of any PCT International application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose material information as defined in 37 CFR §1.56

which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

U.S. PARENT APPLICATION OR PCT PARENT NUMBER	PARENT FILING DATE (day, month, year)	STATUS (patent and number, pending, abandoned)

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

APPLICATION NUMBER(S)	FILING DATE (day, month, year)

As a named inventor, I hereby appoint the patent practitioners associated with the Customer Number <u>08791</u> as my respective patent attorneys and patent agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the U.S. Patent and Trademark office connected herewith.

If this patent application is assigned, then the undersigned hereby authorized the patent attorneys and patent agents named herein to accept and follow instructions from the assignee(s) as to any action to be taken in the United States Patent and Trademark Office regarding this application without direct communication between the patent attorneys and patent agents and the undersigned. In the event of a change in the persons from whom instructions may be taken, at least one patent attorney or patent agent named herein will be so notified by the undersigned.

I hereby direct that all correspondence and telephone calls in connection with this application be addressed to

Customer Number 08791 (Blakely, Sokoloff, Taylor & Zafman LLP).

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, statements were made with the knowledge that willfully false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. §1001 and that all such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first inventor: Gianni MOCHI
Inventor's signature: Munb Date: 3/05/2006
Residence: Italy
Citizenship: Italy
Post Office Address: Via Antonio Canova 77, I-50142, Firenze, Italy
Full name of second inventor: Laura CASSI
Inventor's signature: Date:
Residence: Italy
Citizenship: Italy
Post Office Address: Via Niccolo da Tolentino 42, I-50141, Firenze, Italy
Full name of third inventor: Luciano BONCIANI
Inventor's signature: Date:
Residence: Italy
Citizenship: Italy
Post Office Address: Via Pratese 85/4, I50145, Firenze, Italy
Full name of fourth inventor: Gianni CECCHERINI
Inventor's signature; Date:
Residence: Italy
Citizenship: Italy
Post Office Address: Via 2 Giugno 82, I50019, Sesto Fiorentino, Italy
Full name of fifth inventor: Leonardo ROSI
Inventor's signature: Date:
Residence: Italy
Citizenship: Italy
Post Office Address: Via Assisi 23, I-06080 S. Egidio, Italy



COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if several names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

SYSTEM FOR ESTIMATION AND CONTROL OF THE CONCENTRATIONS OF POLLUTANT GASES AT THE DISCHARGE OF A GAS TURBINE

the specification of which was filed on June 22, 2005 as Application Serial No. 10/540,374

I hereby state that I have reviewed and understand the contents of the aboveidentified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with 37 CFR §1.56.

hereby claim foreign priority benefits under 35 U.S.C. §119 (a)-(d) or (f) or 365(b) of any foreign application(s) for patent or inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below, and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed:

COUNTR Y	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED?	CERTIFIED COPY ATTACHED
Italy	MI2002A002752	23 December 2002	Yes	☐ Yes × No
1.00.7				☐ Yes ☐ No
				☐ Yes ☐ No

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s), or 365(c) of any PCT International application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose material information as defined in 37 CFR §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

U.S. PARENT APPLICATION OR PCT PARENT NUMBER	PARENT FILING DATE (day, month, year)	STATUS (patent and number, pending, abandoned)

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

APPLICATION NUMBER(S)	FILING DATE (day, month, year)

As a named inventor, I hereby appoint the patent practitioners associated with the Customer Number <u>08791</u> as my respective patent attorneys and patent agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the U.S. Patent and Trademark office connected herewith.

If this patent application is assigned, then the undersigned hereby authorized the patent attorneys and patent agents named herein to accept and follow instructions from the assignee(s) as to any action to be taken in the United States Patent and Trademark Office regarding this application without direct communication between the patent attorneys and patent agents and the undersigned. In the event of a change in the persons from whom instructions may be taken, at least one patent attorney or patent agent named herein will be so notified by the undersigned.

I hereby direct that all correspondence and telephone calls in connection with this application be addressed to

Customer Number <u>08791</u> (Blakely, Sokoloff, Taylor & Zafman LLP).

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, statements were made with the knowledge that willfully false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. §1001 and that all such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first inventor: Gianni MOCHI	
Inventor's signature:	Date:
Residence: Italy	
Citizenship: Italy	
Post Office Address: Via Antonio Canova 77, I-50142	, Firenze, Italy
Full name of second inventor: Laura CASSI	
Inventor's signature:	Date: 3/5/1806
Residence: Italy	
Citizenship: Italy	
Post Office Address: Via Vejentana 37, 00189, Roma,	Italy
Full name of third inventor: Luciano BONCIANI	
Inventor's signature:	Date:
Residence: Italy	
Citizenship: Italy	
Post Office Address: Via Pratese 85/4, I50145, Firenz	e, Italy
Full name of fourth inventor: Gianni CECCHERINI	
Inventor's signature:	Date:
Residence: Italy	
Citizenship: Italy	
Post Office Address: Via 2 Giugno 82, I50019, Sesto F	Fiorentino, Italy
Full name of fifth inventor: Leonardo ROSI	
Inventor's signature:	Date:
Residence: Italy	
Citizenship: Italy	
Post Office Address: Via Assisi 23, I-06080 S. Egidio.	Italy



COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if several names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

SYSTEM FOR ESTIMATION AND CONTROL OF THE CONCENTRATIONS OF POLLUTANT GASES AT THE DISCHARGE OF A GAS TURBINE

the specification of which was filed on June 22, 2005 as Application Serial No. 10/540,374

I hereby state that I have reviewed and understand the contents of the aboveidentified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with 37 CFR §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. §119 (a)-(d) or (f) or 365(b) of any foreign application(s) for patent or inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below, and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed:

COUNTR Y	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED?	CERTIFIED COPY ATTACHED
Italy	MI2002A002752	23 December 2002	Yes	∠ Yes ? No
100.9				∠ Yes ∠ No
				∠ Yes ∠ No

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s), or 365(c) of any PCT International application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose material information as defined in 37 CFR §1.56

which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

U.S. PARENT APPLICATION OR PCT PARENT NUMBER	PARENT FILING DATE (day, month, year)	STATUS (patent and number, pending, abandoned)

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

FILING DATE (day, month, year)

As a named inventor, I hereby appoint the patent practitioners associated with the Customer Number <u>08791</u> as my respective patent attorneys and patent agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the U.S. Patent and Trademark office connected herewith.

If this patent application is assigned, then the undersigned hereby authorized the patent attorneys and patent agents named herein to accept and follow instructions from the assignee(s) as to any action to be taken in the United States Patent and Tradernark Office regarding this application without direct communication between the patent attorneys and patent agents and the undersigned. In the event of a change in the persons from whom instructions may be taken, at least one patent attorney or patent agent named herein will be so notified by the undersigned.

I hereby direct that all correspondence and telephone calls in connection with this application be addressed to

Customer Number <u>08791</u> (Blakely, Sokoloff, Taylor & Zafman LLP).

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, statements were made with the knowledge that willfully false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. §1001 and that all such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first inventor: Gianni MOCHI	
Inventor's signature:	Date:
Residence: Italy	
Citizenship: Italy	
Post Office Address: Via Antonio Canova 77, I-5	0142, Firenze, Italy
Full name of second inventor: Laura CASSI	
Inventor's signature:	Date:
Residence: Italy	
Citizenship: Italy	
Post Office Address: Via Niccolo da Tolentino 42	2, I-50141, Firenze, Italy
Full name of third inventor: Luciano BONCIANI	
Inventor's signature:	Date:
Residence: Italy	
Citizenship: Italy	
Post Office Address: Via Pratese 85/4, I50145, I	Firenze, Italy
Full name of fourth inventor: Gianni CECCHERI	NI
Inventor's signature: Law College	Date: 4 May 2006
Residence: Italy	
Citizenship: Italy	
Post Office Address: Via 2 Giugno 82, I50019, S	Sesto Fiorentino, Italy
Full name of fifth inventor: Leonardo ROSI	
Inventor's signature:	Date:
Residence: Italy	
Citizenship: Italy	
Post Office Address: Via Assisi 23, I-06080 S. E	Egidio, Italy



COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if several names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

SYSTEM FOR ESTIMATION AND CONTROL OF THE CONCENTRATIONS OF POLLUTANT GASES AT THE DISCHARGE OF A GAS TURBINE

the specification of which was filed on June 22, 2005 as Application Serial No. 10/540,374

I hereby state that I have reviewed and understand the contents of the aboveidentified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with 37 CFR §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. §119 (a)-(d) or (f) or 365(b) of any foreign application(s) for patent or inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below, and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed:

COUNTR Y	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED?	CERTIFIED COPY ATTACHED
Italy	MI2002A002752	23 December 2002	Yes	€ Yes ? No
				ø Yes ø No
				≰ Yes ≰ No

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s), or 365(c) of any PCT International application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose material information as defined in 37 CFR §1.56

which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

U.S. PARENT APPLICATION OR PCT PARENT NUMBER	PARENT FILING DATE (day, month, year)	STATUS (patent and number, pending, abandoned)

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

APPLICATION NUMBER(S)	FILING DATE (day, month, year)

As a named inventor, I hereby appoint the patent practitioners associated with the Customer Number <u>08791</u> as my respective patent attorneys and patent agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the U.S. Patent and Trademark office connected herewith.

If this patent application is assigned, then the undersigned hereby authorized the patent attorneys and patent agents named herein to accept and follow instructions from the assignee(s) as to any action to be taken in the United States Patent and Trademark Office regarding this application without direct communication between the patent attorneys and patent agents and the undersigned. In the event of a change in the persons from whom instructions may be taken, at least one patent attorney or patent agent named herein will be so notified by the undersigned.

I hereby direct that all correspondence and telephone calls in connection with this application be addressed to

Customer Number <u>08791</u> (Blakely, Sokoloff, Taylor & Zafman LLP).

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, statements were made with the knowledge that willfully false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. §1001 and that all such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of	first inventor: Gianni MOCHI	
nventor's sig	gnature:	Date:
Residence:	Italy	
Citizenship:	Italy	
Post Office A	Address: Via Ant <mark>onio Canova 77, I-50142,</mark>	Firenze, Italy
-		
-uil name of	second inventor: Laura CASSI	
nventor's sig	gnature:	Date:
Residence:	Italy	
Citizenship:	Italy	
Post Office A	Address: Via Ni <mark>ccolo da Tolentino 42, I-50</mark>	141, Firenze, Italy
Full name of	third inventor: Luciano BONCIANI	
nventor's sig	gnature:	Date:
Residence:	Italy	
Citize nshi p:	Italy	
Post Office A	Address: Via Pratese 85/4, I50145, Firenz	e, Italy
- ,,		
-uii name or	fourth inventor: Gianni CECCHERINI	
nventor's sig	gnature:	Date:
Residence:	Italy	
Citizenship:	Italy	
Post Office A	Address: Via 2 <mark>Giugno 82, I50019, Sesto F</mark>	Fiorentino, Italy
Full name of	fifth inventor: Leonardo ROSI	0 4
nventor's sig	gnature: Locuto Kal	Date: 27.04.2006
Residence:	Italy	
Citizenship:	Italy	

Post Office Address: Via Assisi 23, I-06080 S. Egidio, Italy